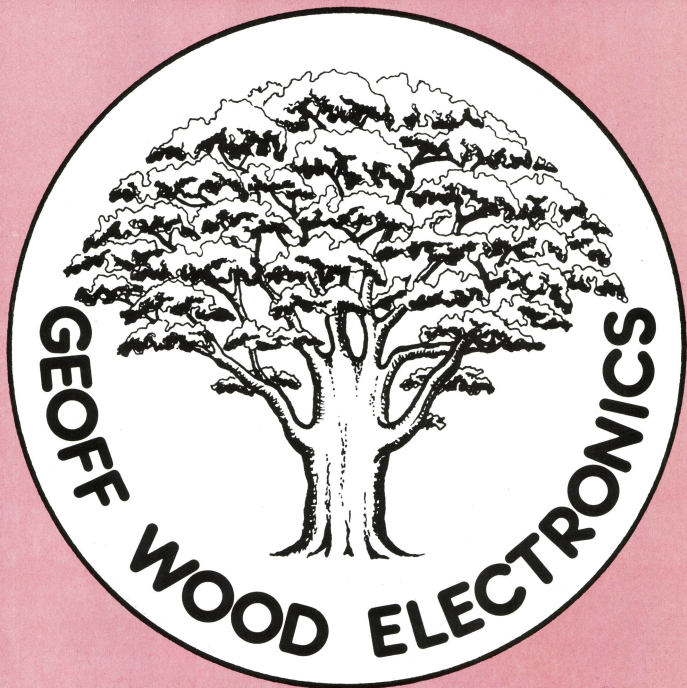


# Components & Instruments PRICE LIST



**INCLUDING MASSIVE LISTING OF AUSTRALIA'S MOST  
WANTED SEMICONDUCTORS**

Transistors • Interface • Opto • 74 & 4000 IC • A/D & D/A • Op-Amps etc, etc



<b>Accessories</b>		<b>Circuit Aids</b>		<b>Electrolytic Capacitors</b>		<b>Plug Packs</b>		<b>Flux Remover</b>	
Audio	8	Exposure Box	10	EPROM's	9	Plugs	8	Graphite	3
Computer	10	Fluorescent Board	10	EPROM Erasers	5	Appliance	12	Safety Cleaner	3
Telephone	13	Marking Pens	8	EPROM Programmers	5	BNC	11	Solvent	3
TV	8	Matrix Board	10	Etchants	5	Cable	11 & 12	Tropical Varnish	3
Aerosol Sprays	3 & 14	Matrix Pins	10	Etchers	10	Cannon	11 & 12	Video Antistatic	3
Alligator Clips	11	Prototyping Board	10	Fans-Cooling	13	Centronics	11 & 12	Standoffs	14
ALS TTL Logic	10	RISTON Board	10	FAST TTL Logic	19	Coaxial	11	Super Tool	17
Ammonium Persulfate	10	RISTON Chemicals	10	Fast Adhesive	14	DC Plugs	10	Suppression Filters	11
Amplifiers	21 & 22	UV Lamp	10	Ferric Chloride	10	DIP	11 & 12	Switches	16
Analog to Digital Converters	20	Circuit Breakers	13	Ferrites	13	D Type	12	Barrel	16
Analog Switches	21	Clocks (Real Time)	22	Filters	11	DIN	12	DIP	16
Antistatic Bags	13	CMOS Logic	10	Finger Guards	13	IDC	12	Key	16
Artistic Foam	13	Coaxial Cable	8	Frequency Counters	6 & 14	IEC	12	Micro	16
Antistatic Tubes	13	Coaxial Connectors	11	Function Generators	6 & 14	Line	12	Momentary	16
Appliance Cord Sets	3 & 10	Comparators	21	Fuses	13	Molex	12	Multi Position	16
Appliance Plugs & Sockets	12	Digital	21	Fuse Holders	13	Neutrick	12	Panel	16
Artwork Aids	9 & 10	Voltage	12	Grommets	13	RCA	12	Push Button	13
AS TTL Logic	19	Component Carriers	12	Hand Tools	17	Scart	8	Rotary	13
Attenuators	8	Computer	10	Heads	12	Transition	12 & 13	Thumb Wheel	16
Audio Leads	8	Accessories	10	Heat Shrink Tape	13	Potentiometers	15 & 16	Toggle	16
Baluns	8	Breakout Boxes	10	Heat Shrink Tubing	13	Multi Turn Panel	16	Tag Strips	13
Banana Plugs & Sockets	11	Cable	8	Heat Sinks	13	PCB Trimmer	16	Telephone	10
Batteries	8	Connectors	11 & 12	Mica Kits	13	PCB Trimmer Adjuster	16	Adaptors	13
Bezel	8	Floppy Disk Cleaners	10	HC CMOS Logic	18	PCB Trimmer Adaptor	16	Cable	8
Chargers	8	Gender Benders	10	HCT CMOS Logic	18	Single Turn Panel	16	Extension Leads	13
Eliminators	8	Line Filters	11	Hook Up Wire	17	Turns Counting Dial	16	Modular Plugs	13
Holders	8	Mini Patch Box	10	IC Air Gun	17	Power	8 & 10	Temperature Sensors	22
Snaps	8	Mini Tester	10	IC Component Carriers	17	Packs	8	Blocks	13
Bezel (LED)	15	Modem	10	IC Extraction Tools	17	Supplies	6 & 14	Solderless	13
Bishopgraphs	9 & 10	Power Leads	10	IC Header Plugs	17	Pressure Transducer	22	Tag Strips	13
BNC Plugs & Sockets	11	Printer Cables	10	IC Insertion Tools	17	Printed Circuit Materials	16	Test Instruments	14 & 15
Books	8	RS232 Cables	7 & 10	IC Sockets	15	Fiberglass Board	10	Accessories	14 & 15
Breakout Boxes	10	RS232 Testers	7 & 10	IC Test Clips	15	Matrix Board	10	Breakout Boxes	10
Boxes	8	Scope Probes	11	IC Tubes	15	Prototyping Board	10	EPROM Erasers	5
Breadboards	10	Switch Boxes	10	IEC Cords	10	RISTON Board	10	EPROM Programmers	5
Boards	10	Connectors	10	IEC Plugs & Sockets	12	Printer Cables	10	Frequency Counters	14
Copper Clad	10	Alligator Clips	11	Indicator Lamps	12	Prototyping Boards	10	Function Generators	14
Eurocard	10	Appliance	10	Inductors	12	Programmers	13	Logic Probes	14
Matrix	10	Binding posts	12	Instrument Cases	18-23	Push Button Switches	13	Logic Pulses	14
Prototype	10	BNC	10	Integrated Circuits	20	RCA Plugs & Sockets	8	Multimeters	14
Wire Wrap	20	Cable	8	Interface Devices	20	Rainbow Cable	8	Oscilloscopes	14
Bridge Rectifiers	16	Cannon	12	Isolation Transformers	17	Rectifiers	20	Power Supplies	14
Butane	13	Centronics	12	Jumper Leads	11	References	21 & 22	RS232 Testers	7 & 14
Buzzers	13	Coaxial	11	Keyboard	11	Regulators	15	Signal Generators	14
C 7400 CMOS Logic	18	Crimp	11 & 12	Knobs	11	Relays	15	Temperature Probe	14
Cable	8	Crocodile Clips	11	Lamps	15 & 22	Resistors	15	Universal Counter	14
Audio	8	D Type	11 & 12	LED Lamps	15	Arrays	15	Test Leads	14 & 15
Clamps	13	D Type Plates	12	Leads	15	Metal Film	15	Test Probes	14 & 15
Clips	13	DIN	12	Audio	8	Networks	15	Thermistors	22
Coaxial	10	DIN41612	12	Computer	8	Ribbon Cable	8	Tools	17
Communication	8	Edge	12	IEC	10	S TTL Logic	18 & 19	Crimpers	17
Computer Circular	11, 12 & 13	Headers	12	IEC	10	SCR's	22	Cutters	17
Connectors	8	IC Sockets	12	IEC	10	Screwdrivers	17	IC Insertion	17
Figure 8	8	IEC	12	IEC	10	Cross Blade	17	Kits	17
Flat	8	IEC	12	Printer	10	Phillips	17	Long Nose Pliers	17
Hook Up	8	Line	12	RS-232	11	Sets	17	Nut Drivers	17
IDC	8	Pin Headers	12	TV	8	Tork	17	Screwdrivers	17
Rainbow	8	Molex	12	Video	8 & 12	Screws & Nuts	17	Soldering Irons	16
Ribbon	8	Neutrick	11	Level Meters	15	Scotch (Dynamark)	18-23	Strippers	17
Security	8	Ramp	11	Line Filters	11	Semiconductors	14	Test Drivers	17
Speaker	8	RCA	6 & 12	Logic Devices	18 & 19	Signal Generators	14	Tork Drivers	17
Strain Reliefs	13	Scart	12	Logic Probes	14	Sockets	17	Toroids, Ferrites, Beads	13
Teflon	8	Shunts	12 & 13	Logic Pulsers	14	Appliance	12	Transformers	17
Telephone	8	Terminals	13	Low Insertion Force Sockets	19	Line	11	Power	17
Terminals	11, 12 & 13	Transition	13	LS TTL Logic	19	Centronics	11 & 12	Toroidal	17
Ties	8	Wire Wrap	12	Magnifying Glasses	9	Coaxial	11 & 12	Variable	17
Cannon Plugs & Sockets	11	Copper Braid	16	Marking Pens	10	DC	12	Transistors	22
Capacitors	8	Cooling Fans	13	Matrix Board	10	D Type	11 & 12	Traces	22
Ceramic Disc	8	Cosmetics	10	Matrix Pins	10	IDC	12	TTL Logic	18 & 19
Ceramic Monolithic	8	Centronics Printer	10	Memory	19	IEC	12	TV Accessories	17
Electrolytic	9	IEC Appliance	10	Meters	19 & 23	Line	12	Adaptors	8
Electrolytic-Bipolar	9	Parallel Printer	7 & 14	Analogue	14	Low Insertion Force	12	Baluns	8
Greenpac	9	CRO Probes	14	Automotive	14	Molex	12	Cables	8
Metalised Polyester	9	Crimping Tools	10	Capacitance	14	Neutrick	12	Leads	8
Polypropylene	9	Crystals	11 & 12	Clamp	14	RCA	11	Utility Boxes	9
Tantalum Solid	9	D Connectors	11 & 12	Digital	14	Transition	12 & 13	UV Tubes	10
TAG	9	Data Books	8	Level	15	Solder	16	Variable Transformers	17
Trimmer	9	Data Switches	10	Multi	14	Soldering Aids	16	Voltage	21
ABS Plastic	9	DC Plugs & Sockets	10	Panel	15	Braid	16	Dependant Resistors	23
Aluminum	9	Desoldering Tools	10	Power	15	Desoldering Tools	16	References	21 & 23
Diecast	9	Developers	10	VU	15	Irons	16	Regulators	21
Feet	9	Developer Trays	10	Meter Leads	14	Portasol Professional	3 & 16	Wires	8
Front Panels	9	Digital IC's	18 & 19	Neutrick Plugs & Sockets	11	Portasol Standard	16	Wrap Sockets	23
Instrument	9	Digital Thermometers	14	Nicad Batteries	8	Soldering Iron Tips	16	Zener Diodes	12
Jelly	9	Digital to Analog Converters	20	Optocouplers	22	Spare Parts	16		
CD 4000 CMOS Logic	18	DIL Sockets	12	Oscillators	22	Stations	16		
Centronics Plugs & Sockets	12	Switches	16	Panel Label Material	7 & 14	Wicking	16		
Chargers	8	DIN Plugs & Sockets	12	Photo Diodes	22	Solderless Terminals	13		
Chemicals	9	Displays	22	Interupters	22	Spacers	14		
Circuit Aids	9	Drills	9 & 17	Photo Transistors	22	Antistatic	3 & 14		
Bishopgraphic	9 & 10	DYNAMARK (Scotchcal)	9	Pin Headers	12	AST Oil	3		
Breadboard	10	Edge Connectors	9	Pliers	17	Contact Lubricant	3		
Bubble Etchers	9 & 10					Dust Remover	3		
Developers	9 & 10								
Developer Trays	9 & 17								
Drills	9 & 17								

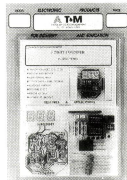
All Prices and Specifications are subject to change without notice. We cannot be held responsible for typographical errors.





## Professional Quality Electronic Kits

AT&M are a local producer of super high quality kits for the professional user. Save the bother of designing and building many of the commonly used circuit blocks. Come complete with instructions for construction testing and application etc. All professional grade components. Use the very latest circuit techniques. Ideal for educational and industrial use



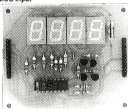
### ATM01 3 Digit LED Counter

Three Digit 1.5MHz Up Counter  
High Brightness 1/2" Orange Display  
Count Enable  
Reset & Latch  
50mA Current Drain (typ)  
Single 5V Supply  
CMOS Input



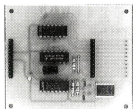
### ATM02 4 Digit LED Counter

Four digit 4MHz Up Counter  
High brightness 1/2" orange LED display  
Reset & Latch  
Single +5V @ 60mA supply  
CMOS Input



### ATM03 3 1/2 Digit LED Voltmeter

Precision Voltmeter  
±100mV Sensitivity (adjustable)  
0.05% Accuracy  
4 Readings/sec  
High Brightness 1/2" orange LED displays  
+5V @ 150mA & -5V @ 4mA supplies



### ATM04 Crystal Timebase

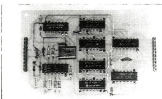
Crystal Controlled Oscillator & Divider with Precision Monostable  
Outputs at 32.768kHz, 4Hz, 2Hz, 1Hz, 0.5Hz  
Triggered Monostable gives 250ms to 2s output  
Single +5V @ 2mA supply

### ATM05 Fibre Optic Modem

Full Duplex  
DC to 500Kbaud  
Uses easy to connect 1mm plastic fibre.  
Range up to 25m without adjustment  
Single +5V @ 15mA supply

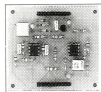
### ATM06 Reciprocal Calculator

16 bit Accumulator with '+/'  
Converts elapsed time to frequency  
Translates slow events to higher frequency for convenient counting  
Single +5V @ 1mA supply



### ATM07 10MHz Timebase

Crystal Controlled  
Oscillator/Divider Outputs of 10MHz, 1MHz, 100kHz, 10kHz, 1kHz, 100Hz, 10Hz, 1Hz  
10Hz to 15MHz Aux Wide Band Amp for external clock to decade dividers  
Synchroniser (Precision Monostable) giving outputs of 100ns to 1sec



### ATM08 Voltage to Frequency Converter

0.03% Accuracy  
Input 0 to 1V, Output 2kHz to 7kHz pulse frequency  
Open Collector Output  
CMOS/TTL compatible  
Single +5V @ 4mA supply

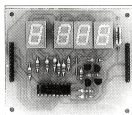


### ATM09 Frequency to Voltage Converter

0.03% Accuracy  
Input 2kHz to 7kHz, Output 0 to 5V  
Single +5V @ 5mA supply

### ATM10 Triple Output Switching Regulator

Input Voltage Range +10 to +15Vdc  
Outputs +5V @ 1A, -5V @ 100mA, -12V @ 100mA  
Short Circuit Shutdown  
Low Ripple  
High Efficiency



### ATM11 9min 59.9sec Timer

4 digit Counter/Timer  
Bright orange 1/2" LED displays  
Uses 10Hz clock  
Single 5V @ 60mA supply

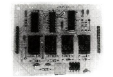


### ATM12 6 Digit Batch Counter

8 Digit Down Counter  
High Brightness 1/2" Orange LEDs  
Two Pushbuttons Presettable from 1 to 999999 counts to 0 and stops clock  
10kHz max Count Rate  
Single 5V @ 120mA supply

### ATM14 FM Transcoder

Companion to ATM05  
Converts speech in 300Hz to 5kHz band to FM modulated 40kHz subcarrier.  
Use with fibre-optic link to carry speech up to 100m  
Transmitter and receiver  
Half duplex  
Vox and Squelch  
100mV input, 1W into 8Ω output  
Single 12V @ 100mA (peak) supply



### ATM15 Amp Attenuator

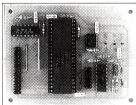
Companion to ATM13 Precision Digital Voltmeter  
19.99mV to 199.9V  
+5V @ 60mA and -5V @ 2mA supply

### ATM16 10KV Analogue Isolator

Precision V/F/V Converters  
10kV UI and VDE approved Opto-Isolator  
0 to 1V in 0 to 5V out  
-0.1% Accuracy

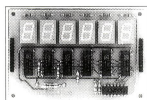
### ATM17 Analogue to Digital Recorder

8bit x 8bit samples  
Up to 200k samples per second  
Use as digital scope adaptor



### ATM18 UART

Parallel to Serial Transmitter  
Serial to Parallel Receiver  
RS232 & Crystal Standard Controlled  
Baud Rates from 300 to 9600  
Single +5V @ 10mA supply



### ATM19 6 Digit Up/Down Counter

Six digit 4MHz Selectable Up/Down counter  
High brightness 1/2" orange LED display  
Reset, Latch and U/D Select  
Single +5V @ 100mA supply

### ATM20 Infra-Red Barrier Transmitter/Receiver

Uses coded IR signal  
High gain noise immunity detector and amplifier  
Open collector 500mA output on signal loss  
Range to 15m

**Call for details of latest kits added to the AT&M range**

Kit	Description	Tax Paid/Exempt
ATM01	3 digit Counter	31.80 26.50
ATM02	4 digit counter	45.60 38.00
ATM03	3 1/2 digit DVM	51.00 42.50
ATM04	1Hz Timebase	28.40 24.50
ATM05	Fibre Optic Modem	75.00 62.50
ATM06	Reciprocal Calculator	29.40 24.50
ATM07	10MHz timebase	45.60 38.00
ATM08	V/F Converter	34.20 28.50
ATM09	F/V converter	34.20 28.50
ATM10	Triple Power Supply	51.00 42.50
ATM11	10 Minute Controller	45.60 38.00
ATM12	6 digit batch counter	75.00 62.50
ATM13	FM Transcoder	34.20 24.50
ATM15	DC Amp/Attenuator	41.40 34.50
ATM16	10KV Isolator	65.40 54.50
ATM17	8 A/D and D/A	N/A N/A
ATM18	8 bit UART	50.40 42.00
ATM19	6 dig Up/Down Counter	69.60 58.00
ATM20	IR Transceiver	38.60 33.00

All prices include Sales Tax. Tax Exempt Prices upon presentation of valid tax exemption certificate - min value \$10.00 per line item. Wholesale prices on request. Credit only to established accounts. Cheque, Money Order or Credit Cards with all other orders please.

More products being added daily. Inclusion of any product does not guarantee availability. Please check to avoid disappointment.





## More Goodies from Woodies - with **Extra Value Bonus** on every EPROM Programmer and Eraser purchased till Feb 1 1990. (Don't forget to ask for your's!)

### STAND ALONE UNITS



#### PROMPRO-8X Advanced Universal Programmer

Programs EE/EPROMs up to 1 Meg and single voltage PROMs. 2 ZIF sockets, 28 and 40 pin, for GANG/SET programming. 512k bits RAM in either 8, 16 or 32 bit. Intelligent and Quick Pulse programming algorithms. Intel Hex, Motorola Hex, ASCII/Binary and JEDEC data formats. Centronics printer port to dump RAM contents. Automatic high/low byte programming for 16/32 bit systems. Vcc and Vpp controlled by DAC in closed loop.

**Includes bonus 30 pieces 27C64-200 valued at \$ 294.00**

Tax Free **\$1759.60**

Tax Paid **\$2053.00**



#### SHOOTER

Programs EPROMs 2516, 2716 to 27512 including CMOS and A types. Also EEPROMs 2816 and 2816A. 512k bit RAM buffer. 28 pin ZIF socket with 40 pin up adapter option. Data formats Intel Hex, Motorola HEX, binary and hex. Built-in RS232 port. 110 to 2400 baud selectable software and RS-232 cable.

**Includes bonus 15 pieces 27C64-200 valued at \$ 147.00**

Tax Free **\$ 825.00**

Tax Paid **\$ 962.50**

### PROFESSIONAL PC BASED UNIT

#### HUSKY

Devices supported include most popular CMOS, NMOS and HMOS EE/EPROMs as large as 2 Meg, popular CMOS EPLDs and single chip micros. Up to 4 devices may be programmed simultaneously with the same data or sequentially with different data. File download is fast and easy since the

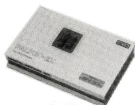


Husky uses a high speed parallel bus to the PC. PS/2 and Macintosh SE interfaces are also available. Intel Hex, Motorola Hex, ASCII Hex and Binary data files are accepted. Each of the four 32 pin ZIF sockets will accept ICs with widths from 0.3" to 0.6". Single chip micros are also supported using an optional 40 pin expansion socket. Similarly PLCC and PGA devices can be supported by additional socket adaptors.

**Includes bonus 15 pieces 27C64-200 valued at \$ 147.00**

Tax Free **\$ 936.00**

Tax Paid **\$1092.00**



**PALPRO-2X**

### GANG PROGRAMMERS



#### LEP-1600 Low Cost 4 Way Programmer

Programs 2516, 2532 and 2564, 2716 up to 27512 including CMOS and A versions. Four 28 pin ZIF sockets.

**Includes bonus 30 pieces 27C64-200 valued at \$ 294.00**

Tax Free **\$1583.20**

Tax Paid **\$1836.60**



#### GANGPRO-8

Eight 28 pin ZIF sockets. Identifies and isolates faulty devices. Fast intelligent and Quick Pulse algorithms are used. Verifies automatically at 3 voltage levels, 5.0V and 5.0V .25V. Intel Hex, Motorola Hex data formats. Built-in RS-232 interface. Software for PC included. Programs EPROMs up to 1 Meg. EEPROMs up to 28256. CMOS, HMOS and NMOS types. Single chip micros using an optional adaptor.

**Includes bonus 45 pieces 27C64-200 valued at \$ 441.00**

Tax Free **\$2083.70**

Tax Paid **\$2431.00**

#### PALPRO-2X

2 ZIF sockets, 20 and 24 pin. Reads and copies existing PALs. Logic compilers supported include CAST, H.E.L.P., PALASM, CUPL & ABEL. Supports devices manufactured by Altera, AMD, ATMEL, Cypress, Fairchild, Harris (with optional adaptor), Lattice, MMI, National, Panatech, Signetics, Sprague, Texas Instruments and VTI.

**Includes bonus 30 pieces PAL16L8ANC valued at \$ 193.50**

Tax Free **\$1759.60**

Tax Paid **\$2053.00**

### EPROM ERASERS

#### ULTRALITE

Ideal high performance UV eraser suited for production or engineer's applications. Erase time is approximately 15 minutes for up to 50 EPROMs.

**Includes bonus 5 pieces 27C64-200 valued at \$ 49.00**

Tax Free **\$ 314.00**

Tax Paid **\$ 366.30**

#### QUV-T8/Z

Erases 30 EPROMs in 10 minutes or 15 EPROMs in 5 min. Accepts PCB 8" x 5" x 1".

**Includes bonus 2 pieces 27C64-200 valued at \$ 19.60**

Tax Free **\$ 244.20**

Tax Paid **\$ 261.60**



#### QUV-T8/T

Erases 15 EPROMs in 20 - 30 minutes. Accepts PCB 8" x 5" slide out tray.

**Includes bonus 2 pieces 27C64-200 valued at \$ 19.60**

Tax Free **\$ 174.90**

Tax Paid **\$ 204.10**

#### LEP-121

Erases nine 24 pin EPROMs.

**Includes bonus 2 pieces 27C64-200 valued at \$ 19.60**

Tax Free **\$ 90.80**

Tax Paid **\$105.30**



# Complete Range of Test Equipment To Suit Your Budget

## New Auto-Ranging Bar Graph Digital Multimeter

### Finest Model 3487A offers -

- Auto-Ranging
- One input for all ranges and function excluding 20A
- Current ranges up to 20A ac and dc
- 30Hz to 40kHz Frequency Counter
- Data Hold
- Max/Min to continuously observe Max and Min readings
- Diode Test
- Audible Continuity
- 12 month Warranty

### Basic Ranges

- Vdc 400mV to 1000V ( $\pm 0.3\%$ )
- Vac 400mV to 750V ( $\pm 0.5\%$ )
- Adc 400mA(100 $\mu$ A) to 20A ( $\pm 0.5\%$ )
- Aac 400mA(100 $\mu$ A) to 20A ( $\pm 0.5\%$ )
- Ohms 400 $\Omega$  (100m $\Omega$ ) to 40M $\Omega$  ( $\pm 0.5\%$ )

**\$144.00**

### Also available Finest 3486A

Basic Auto-Ranging DMM with V and A ac and dc, ohms, data hold, audible continuity, Large display. Basic dc accuracy  $\pm 0.5\%$

**Only \$90.00**

## Goldstar Multimeters

Outstanding value for money in a shirt pocket sized instrument.

- 3 1/2 digit display
- Measure Voltage, Current, Ohms, Low Ohms
- Continuity Beeper
- 10A ac and dc
- Autoranging
- One Year Warranty
- Automatic Current Limiting
- Overload Protection
- Manual Ranging on DM6335
- Memory Function on DM6335
- Data Hold Function on DM6335



## Fluke 80 Series Top of the Line in Digital Multimeters

The Fluke 80 series offers a huge range of extra features like a 200kHz frequency counter, capacitance meter, combined analog and digital scales plus the ability to automatically record max and min and average readings and store them for up to 36 hours. Check the features and check the value!

### 80 Series Features

- 4 3/4 digit 4000 count resolution
- Digital Display updates 4 times/s
- 87 has analog pointer
- 83/85 have analog bargraph with zoom mode. Analog display updates 40 times/sec
- 0.5Hz to 200kHz Counter with duty cycle from 0.1% to 99.9%
- 10pF to 5 $\mu$ F Capacitance range
- Input alert warns of incorrect connections
- 87 is a true rms 1ms Peak Min Max hold meter with backlight display
- Touch Hold and Relative modes



### Fluke 80 Series

- Fluke 83 Analog Bargraph and Digital Display (4000 count)
- Measures Volts, Current, Ohms, Frequency, Capacitance and Diode Test
- Touch Hold and Relative Modes
- Min/Max and Average Recording with Min/Max Alert
- Input Alert and Overload Protection
- 0.3% Basic DC Accuracy
- Audible Continuity
- Fluke 85 As above but offers 0.1% Accuracy
- Fluke 87 As above but offers 4 1/2 digit display Backlighting Analog Pointer

## Escort EDM1122 Digital Multimeter & Transistor Tester

- 3 1/2 digit LCD display
- Ranges : AC, DC, Volts, Current (20A), Capacitance, Frequency, Diode Test, Transistor Test, Logic Levels
- Audible Continuity
- 12 Month Warranty



## DCT310 AC/DC Digital Clamp-On Meter

- Ranges Current (ac and dc) 200, 400Amps
- Voltage 200, 750VAc and 200, 1000Vdc
- Temperature -40°C to +750°C with K Type input
- Diode check
- Peak Hold
- Data Hold on display
- 12 months Warranty



## Goodwill GF68020G 2MHz Function Generator

- 0.2Hz to 2MHz frequency range continuously variable
- Sine, Triangle, Square, TTL and Pulse Output
- $\pm 20V_p$  Open Circuit Output, 10Vp-p into 50 $\Omega$
- $\pm 10V$  dc offset
- 4 digit LED display of frequency



## Goodwill GFC8010G 120MHz Frequency Counter

- 1Hz to 120MHz frequency range
- $<20mV$  sensitivity from 10Hz to 100MHz ( $<30mV$  over full range)
- 8 digit display
- 10s, 1s and 100ms gate times



## EDC110A Digital Capacitance Meter

- 3 1/2 digit display
- Measures from 200pF to 20,000 $\mu$ F
- 0.1pF resolution
- 12 Month Warranty



## Serial Test Software for IBM PC

Just released, Serialtest™ is an MS-DOS software and cabling package which enables technicians and engineers to perform serial data communications analysis. It offers sophisticated problem solving facilities at a fraction of the cost of equivalent dedicated hardware. Serialtest allows a PC to provide a window to data and control signal changes in RS232 lines. It can either be used to passively tap existing data links or actively send data and vary control signals to simulate either a DTE or DCE device. Serialtest allows the user to define "triggers" based on control and error conditions or data to initiate or end monitoring sequences.

- Baud rates up to 115.2kbaud
  - View each byte in ASCII or EBCDIC decoded to hex, decimal, binary or octal
  - Write captured data directly to disk to allow maximum capture buffer
  - CRC checksum calculations
  - In addition the auto-configuration management can utilise any of the comms ports 1 to 4.
- Introductory Price **\$695.00**

## Kikusui COS5020 20MHz Two Channel Oscilloscope

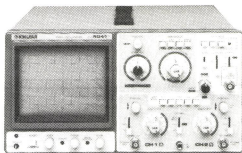
- 5mV/div to 5V/div sensitivity dc to 20MHz
- Timebase 20ns/div to 0.5s/div
- Auto Trigger Level Lock with peak-peak detection
- Vertical trigger mode for asynchronous signals
- Channel 1 output
- Displays CH1, CH2, CH1 and CH2, X-Y
- Auto, Normal and Single Shot Sweep Modes
- AC, DC, HF-Rej, TV Triggering
- Includes two 1:1 and 10:1 probes

## Kikusui COS5021 20MHz Two Channel Oscilloscope

- As above but adds Delayed Timebase 0.2µs to 0.5µs/div

## Kikusui COS5041 40MHz Two Channel Oscilloscope

- Similar to COS 5021 but with extended frequency response dc to 40MHz



## GOS522 Low Cost 20MHz Scope

*Specially chosen as a basic instrument with extra feature making it outstanding value for money*

- 1mV/div maximum sensitivity
- CH1, CH2, Dual, CH1+CH2, X-Y Modes
- Choice of sweep displays auto, normal or single shot
- Vertical trigger mode and variable hold-off
- 20ns/div to 0.5s/div timebase
- Auto trigger level lock
- Variable hold-off
- DC trigger coupling
- Vertical Trigger mode



## Power Supply Selection Guide

Goodwill GP Series Power supplies offer continuously variable voltage and current from zero to rated limit with fine and coarse control. Outputs are electronically protected against short circuits and overloads. Input is fuse protected with a true 240Vac input. Automatic constant voltage-constant crossover with LEDs. Ripple typically 0.5mVrms to 1mV rms. Excellent line and load regulation (0.01% typ) Series and Parallel operation possible

### Model Voltage Current Single output with 2 Analog Meters

GPR-3020	30V	2A
GPR-3030	30V	3A
GPR-3060	30V	6A

### Dual output with 4 Analog Meters

GPD-3020	2x30V	2A
GPD-3030	2x30V	3A

### Dual output with 2 3 1/2 digit LED

Panel Meters		
GPD-3020D	2x30V	2A
GPD-3030D	2x30V	3A

### Quad output with 4 Analog Meters

GPO-3020	2x30V	2A
GPO-3030	2x30V	3A
Both also have	5V	3A
	5V	1A

### Quad output with two 3 1/2 digit

LED Panel Meters		
GPO-3020D	2x30V	2A
GPO-3030D	2x30V	3A
Both also have	5V	3A
	5V	1A



## Goodwill GOS 543 Economical 40MHz Oscilloscope

- 1mV/div maximum sensitivity
- Variable hold-off for observing video and digital waveforms
- DC trigger coupling for low frequency signals
- Vertical trigger mode to display two asynchronous signals
- A Timebase 20ns/div to 0.5s/div
- B Timebase 20ns/div to 0.5ms/div (delayed)



## Escort ELP810 Logic Pulser

- Pulse repetition rate 0.5/400pps
- Pulse width at 100mA load - 10µs
- Sync Input Impedance 1MΩ
- Operates from +5V to 15V



**Refer to Instrument Section (page 14)  
for Full Pricing Information**



## Batteries, Chargers, Holders and Plug Packs



### Batteries, Chargers, Holders and Plug Packs

AL-100	5 Pin DIN, Pig to Pig	5.95
AL-102	5 Pin DIN/4 x RCA Plugs	6.95
AL-103	4 x RCA/4 x RCA Plugs	6.95
AL-107	RCA Plug to 2 RCA Sockets	4.95
AL-116	RCA Plug/Pig	3.45
AL-142	2 RCA to 2 RCA Plugs	4.95
AL-142L	2 RCA Plugs to 3.5mm Pig	3.45

### Miscellaneous

COA-1	Stereo Wireless Xmitter	64.95
GL-9	Guitar Lead	11.95
HOMEGUARD	Personal Alarm	109.00



## Homeguard Alarm

Wireless Passive Infrared Alarm. Yes a genuine Aussie alarm and it's self-contained. No complicated arming routines. Simply press the coded wireless key (two supplied) Built-in panic function, 110db siren. No wiring. Just stick it on the wall. PIR detector works on body heat. Green LED shows movement. Built-in battery indicator. Alarm resets after 2 minutes.

PC1	Cig/Lighter Plug	1.10
PC2	Cig/Lighter Slt	5.25
PL-1	Power Lead, Pig 8.2.0M	6.95
PL-2	Pwr Lead, Grooved Rglr	6.95
SPG-2	2700m Speaker Rglr	6.95

### TV Accessories

AT-6	TV Attenuator	4.95
AT-12	TV Attenuator	4.95
DD772	Splitter/Coax Coupler	6.95
DD774	75 Ohm TV & FM Splitter	3.95
FL-1	1.8M 75 Ohm Plug/Pig	3.95
FL-2	1.8M 75 Ohm Plug/Skt	3.95
FL-4	4.5M 75 Ohm Plug/Pig	5.95
FL-5	10M 75 Ohm Plug/Pig	9.45
FL-6	4.5M 75 Ohm Plug/Skt	5.95
FL-21	1.5M Plug to Pig	3.95
FMA-1	300 Ohm Indor Ant	3.95
MH-2	Method Baluns 300/75	4.95
MH-4	Method Baluns 300/75	4.95
SCART VL-23	Scart, 2x8NC, 4xRCA	29.95
SCART VP-21	21 Pin Scart, Pig	5.25
SUV-7	75 Ohm Splitter	3.95
SUV-8	Coax Splitter	2.95
TV-1	Balun 300/75 Ohm	2.45
TV-2	Balun 75/300 Ohm	2.45
TV-3	Coax Entry Box	2.95
TV-3A	75 Ohm Splitter	3.95
TV-4	Splitter Entry Box	4.95
TV-5	Coax Entry Plate	4.95
TV-6	Mini Wall Plate	1.95
TV-7	Strand Plate, One Hole	4.95
TV-9	75 Ohm Insert	2.95
TV-10	300 Ohm Insert	1.95
TV-10A	300 Ohm Insert	1.95
TVS-2	TV Game/Computer Switch	7.95

### Video Components

VOK-2	Video Dubbing Kit	28.95
VOK-4	Video Dubbing Kit	49.95
VL-1	1.5M BNC Plug/Pig	7.95
VL-2	3M 75 Ohm BNC Plug/Pig	9.95
VL-6	RCA to RCA	4.95
VL-7	1.5M 75 Ohm RCA/Coax	4.95

## Batteries, Chargers, Holders and Plug Packs

Lead Acid Batteries		
GEL-PS-612	6.0V, 1.2AH GEL Cell	17.50
GEL-PS-640	6.0V, 4.0AH GEL Cell	27.50
GEL-PS-1212	12.0V, 1.2AH GEL Cell	31.50
GEL-PS-1219	12.0V, 1.9AH GEL Cell	27.50
GEL-PS-1265	12.0V, 6.5AH GEL Cell	49.95
GEL-PS-68212-F	6.0V, 8.0AH GEL Cell	34.95



Nicad Batteries		
NICAD-SIZE-AXX1	1.25V x 1	3.50
NICAD-SIZE-AXX2	25V, 500mAh Aric x 2	9.95
NICAD-SIZE-AXX3	1.25V, 180mAh Aric x 1	8.95
NICAD-SIZE-SUBC	1.25V, 1200mAh Aric x 1	16.95
NICAD-SIZE-CX2	1.25V, 1200mAh Aric x 2	18.95
NICAD-SIZE-DX2	1.25V, 1200mAh Aric x 2	18.95
NICAD-SIZE-216	9.0V, 100mAh x 1	12.95

### Battery Chargers and Testers

BATTERY-CHARGER	Universal Nicad Chgr	29.95
BC-800	Universal Bttry Trsr	21.95
NBC-3	Deluxe Nicad Charger	54.95

### Battery Holders and Sops

BH23	2 x UM3 Holder	0.55
BH42	4 x UM2 Holder	1.10
BH43	4 x UM3 Holder B/B	0.70
BH43L	4 x UM3 2 x 2 B/B	0.70
BH63	8 x UM3 Back to Back	1.10
BH63	1 x UM3 Back to Back	1.40
BS216	T Snap for 216 Battery	0.35
BS217	1 Snap for 216 Battery	0.30

### Plug Packs and Battery Eliminators

PP-102-S	240V 250V DC 100mA	14.95
PP-300MV	240V 3/4 5/8 7/8 5/12	24.95
PP-500MV	240V 3/4 5/8 7/8 5/12	27.95
PP-600MV	240V 6/7 5/8 12V DC 1A	39.95

## Data Books

It is our policy to keep the broadest possible range of titles in stock, but supplies are so variable it is not possible to provide a listing. So please contact us for current availability or watch our regular advertisements.

PRINCIPLES AND PRACTICE OF APPLICATIONS HANDBOOK

ROCKWELL 1987 MODERN PRODUCTS DATA BOOK

MOTOROLA FAST AND LS TEL DATA

ANALOG IC DATA BOOK

Interface Circuits Data Book 1987

EXERCISE MICROCONTROLLER DATA BOOK

ANALOG PRODUCT DATA BOOK

ANALOG

## Cables

Coaxial Cable		
RG58-50 Ohm	Per Metre	1.10
RG59-75 Ohm	Per 100 Metre Roll	55.10
	Per Metre	1.25
	Per 100 Metre Roll	65.55

Circular Shielded Computer Cable		
CIC6	6 Core Circle/Metre	1.95
CIC6/100	6 Core Circle/100M	97.50
CIC8	8 Core Circle/Metre	2.90
CIC8/100	8 Core Circle/100M	144.80
CIC12	12 Core Circle/Metre	3.90
CIC12/100	12 Core Circle/100M	150.00
CIC16	16 Core Circle/Metre	3.45
CIC16/100	16 Core Circle/100M	172.50
CIC25	25 Core Circle/Metre	4.95
CIC25/100	25 Core Circle/100M	247.50

Hookup Wire - 9 Way Rainbow - 87 x 0.08mm		
Hu-9-87x0.08mm	Per Metre	2.50
	Per 30 Metre Roll	195.00

### Gray Ribbon (IDC) Cable

RMN-10-GRY/M	10 Way Ribbon/Metre	1.10
RMN-10-GRY/R	10 Way Ribbon/30M	28.00
RMN-14-GRY/M	14 Way Ribbon/Metre	1.35
RMN-14-GRY/R	14 Way Ribbon/30M	32.80
RMN-16-GRY/M	16 Way Ribbon/Metre	1.75
RMN-16-GRY/R	16 Way Ribbon/30M	42.00
RMN-20-GRY/M	20 Way Ribbon/Metre	2.60
RMN-20-GRY/R	20 Way Ribbon/30M	68.40
RMN-25-GRY/M	25 Way Ribbon/Metre	2.85
RMN-25-GRY/R	25 Way Ribbon/30M	64.00
RMN-26-GRY/M	26 Way Ribbon/Metre	3.00
RMN-26-GRY/R	26 Way Ribbon/30M	67.00
RMN-34-GRY/M	34 Way Ribbon/Metre	3.50
RMN-34-GRY/R	34 Way Ribbon/30M	88.00
RMN-40-GRY/M	40 Way Ribbon/Metre	4.85
RMN-40-GRY/R	40 Way Ribbon/30M	102.80
RMN-50-GRY/M	50 Way Ribbon/Metre	5.35
RMN-50-GRY/R	50 Way Ribbon/30M	129.00
RMN-60-GRY/M	60 Way Ribbon/Metre	6.45
RMN-60-GRY/R	60 Way Ribbon/30M	154.00

Speaker Cable - Figure 8 - 14 x 0.14mm		
Gray Only	Per Metre	0.35
	Per 30 Metres	17.55

Speaker Cable - Figure 8 - 41 x 0.16mm		
Clear Only	Per Metre	1.70
	Per 100 Metres	85.10

### Telephone Cable - 7 x 0.16mm

White - 4 Core	Per Metre	0.65
	Per 100 Metre Roll	35.55
White - 6 Core	Per Metre	0.95
	Per 100 Metre Roll	44.30
White - 8 Core	Per Metre	1.45
	Per 100 Metre Roll	72.55

### 300 Ohm TV Ribbon Cable - 7 x 0.21mm

Clear or Black-Two Core		
Per Metre	0.30	
Per 100 Metre Roll	48.00	

## Capacitors



### Ceramic Plate Capacitors

CER-470p-5KV	Ceramic 470pF 5KV	2.75
CER-NP01p-50V	Ceramic 1.0pF NP0 50V	0.15
CER-NP01p-50V	Ceramic 1.2pF NP0 50V	0.15
CER-NP01p-50V	Ceramic 1.5pF NP0 50V	0.15
CER-NP01p-50V	Ceramic 1.8pF NP0 50V	0.15
CER-NP02p-50V	Ceramic 2.2pF NP0 50V	0.15
CER-NP02p-50V	Ceramic 2.7pF NP0 50V	0.15
CER-NP03p-50V	Ceramic 3.3pF NP0 50V	0.15
CER-NP03p-50V	Ceramic 3.9pF NP0 50V	0.15
CER-NP04p-50V	Ceramic 4.7pF NP0 50V	0.15
CER-NP05p-50V	Ceramic 5.6pF NP0 50V	0.15
CER-NP06p-50V	Ceramic 6.8pF NP0 50V	0.15
CER-NP08p-50V	Ceramic 8.2pF NP0 50V	0.15
CER-NP10p-50V	Ceramic 10pF NP0 50V	0.15
CER-NP12p-50V	Ceramic 12pF NP0 50V	0.15
CER-NP15p-50V	Ceramic 15pF NP0 50V	0.15
CER-NP18p-50V	Ceramic 18pF NP0 50V	0.15
CER-NP22p-50V	Ceramic 22pF NP0 50V	0.15
CER-NP27p-50V	Ceramic 27pF NP0 50V	0.15
CER-NP33p-50V	Ceramic 33pF NP0 50V	0.15
CER-NP39p-50V	Ceramic 39pF NP0 50V	0.15
CER-NP47p-50V	Ceramic 47pF NP0 50V	0.15
CER-NP56p-50V	Ceramic 56pF NP0 50V	0.15
CER-NP68p-50V	Ceramic 68pF NP0 50V	0.15
CER-NP82p-50V	Ceramic 82pF NP0 50V	0.15
CER-NP100p-50V	Ceramic 100pF NP0 50V	0.15
CER-NP120p-50V	Ceramic 120pF NP0 50V	0.15
CER-NP150p-50V	Ceramic 150pF NP0 50V	0.15
CER-NP180p-50V	Ceramic 180pF NP0 50V	0.15
CER-NP220p-50V	Ceramic 220pF NP0 50V	0.15
CER-NP270p-50V	Ceramic 270pF NP0 50V	0.15
CER-NP330p-50V	Ceramic 330pF NP0 50V	0.15
CER-NP390p-50V	Ceramic 390pF NP0 50V	0.15
CER-NP470p-50V	Ceramic 470pF NP0 50V	0.15
CER-NP560p-50V	Ceramic 560pF NP0 50V	0.15
CER-NP680p-50V	Ceramic 680pF NP0 50V	0.15
CER-NP820p-50V	Ceramic 820pF NP0 50V	0.15
CER-NP1n-50V	Ceramic 1.0nF NP0 50V	0.15
CER-NP1n-50V	Ceramic 0.001nF NP0 50V	0.15
CER-NP2n-50V	Ceramic 0.002nF NP0 50V	0.15
CER-NP2n-50V	Ceramic 0.002nF NP0 50V	0.15
CER-NP3n-50V	Ceramic 0.003nF NP0 50V	0.15
CER-NP3n-50V	Ceramic 0.003nF NP0 50V	0.15
CER-NP4n-50V	Ceramic 0.004nF NP0 50V	0.15
CER-NP5n-50V	Ceramic 0.005nF NP0 50V	0.15
CER-NP6n-50V	Ceramic 0.006nF NP0 50V	0.15
CER-NP8n-50V	Ceramic 0.008nF NP0 50V	0.15
CER-NP10n-50V	Ceramic 0.010nF NP0 50V	0.15
CER-NP12n-50V	Ceramic 0.012nF NP0 50V	0.15
CER-NP15n-50V	Ceramic 0.015nF NP0 50V	0.15
CER-NP18n-50V	Ceramic 0.018nF NP0 50V	0.15
CER-NP22n-50V	Ceramic 0.022nF NP0 50V	0.15
CER-NP27n-50V	Ceramic 0.027nF NP0 50V	0.15
CER-NP33n-50V	Ceramic 0.033nF NP0 50V	0.15
CER-NP39n-50V	Ceramic 0.039nF NP0 50V	0.15
CER-NP47n-50V	Ceramic 0.047nF NP0 50V	0.15
CER-NP56n-50V	Ceramic 0.056nF NP0 50V	0.15
CER-NP68n-50V	Ceramic 0.068nF NP0 50V	0.15
CER-NP82n-50V	Ceramic 0.082nF NP0 50V	0.15
CER-NP100n-50V	Ceramic 0.100nF NP0 50V	0.15
CER-NP120n-50V	Ceramic 0.120nF NP0 50V	0.15
CER-NP150n-50V	Ceramic 0.150nF NP0 50V	0.15
CER-NP180n-50V	Ceramic 0.180nF NP0 50V	0.15

### Monolithic (SMD) Capacitors

CER-NP0100p-1p	Monolithic 1.0pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 1.2pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 1.5pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 1.8pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 2.2pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 2.7pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 3.3pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 3.9pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 4.7pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 5.6pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 6.8pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 8.2pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 10pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 12pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 15pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 18pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 22pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 27pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 33pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 39pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 47pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 56pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 68pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 82pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 100pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 120pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 150pF NP0 100V	0.25
CER-NP0100p-1p	Monolithic 180pF NP0 100V	0.25

All prices include Sales Tax. Tax Exempt Prices upon presentation of valid tax exemption certificate - min value \$10.00 per line item. Wholesale prices on request. Credit only to established accounts. Cheque, Money Order or Credit Cards with all other orders please. More products being added daily. Inclusion of any product does not guarantee availability. Please check to avoid disappointment.



## Monolithic (Silver) Capacitors continued

CER-NP01003/220p	Monro 220pF NP0 100V	0.25
CER-NP01003/250p	Monro 250pF NP0 100V	0.25
CER-NP01003/330p	Monro 330pF NP0 100V	0.25
CER-NP01003/390p	Monro 390pF NP0 100V	0.25
CER-NP01004/470p	Monro 470pF NP0 100V	0.25
CER-NP01005/560p	Monro 560pF NP0 100V	0.25
CER-NP01008/80p	Monro 80pF NP0 100V	0.25
CER-NP01008/820p	Monro 820pF NP0 100V	0.25
CER-NP01001/1n0	Monro 0.001uF NP0 100Vb	0.25
CER-NP050/47n	Monro 0.0047uF NP0 50Vb	0.25
CER-NP050/6n	Monro 0.0068uF NP0 50Vb	0.25
CER-NP050/8n2	Monro 0.0082uF NP0 50Vb	0.25
CER-NP050/10n-1	Monro 0.01uF NP0 50V	0.25
CER-NP063/10n-2	Monro 0.01uF NP0 63V	0.25
CER-NP050/15n	Monro 0.015uF NP0 50V	0.25
CER-NP050/22n	Monro 0.022uF NP0 50V	0.25
CER-NP050/47n	Monro 0.047uF NP0 50V	0.25
CER-NP063/10n-1	Monro 0.01uF NP0 63V	0.25
CER-NP063/10n-2	Monro 0.01uF NP0 63V	0.25

## Electrolytics



## Bipolar

BPLR-AX-4u750V	Electro Bipolar 4.7uF	0.54
BPLR-PCB-1u0/50V	Electro Bipolar 1.0uF	0.54
BPLR-PCB-2u2/50V	Electro Bipolar 2.2uF	0.54
BPLR-PCB-3u3/50V	Electro Bipolar 3.3pF	0.58
BPLR-PCB-4u7/50V	Electro Bipolar 4.7uF	0.58
BPLR-PCB-6u8/50V	Electro Bipolar 6.8uF	0.58
BPLR-PCB-10u0/50V	Electro Bipolar 10uF	0.75
BPLR-PCB-22u5/50V	Electro Bipolar 22uF	1.28
BPLR-PCB-33u5/50V	Electro Bipolar 33uF	1.36
BPLR-PCB-47u5/50V	Electro Bipolar 47uF	1.44
BPLR-PCB-100u0/50V	Electro Bipolar 100uF	1.56

### Electrolytic PCB Mount (RB Type)

E-PCB-10uV3V	Electro 1.0uF 3V	0.30
E-PCB-2u2F63V	Electro 2.2uF 63V	0.30
E-PCB-3u3F63V	Electro 3.3uF 63V	0.30
E-PCB-10uV50V	Electro 1.0uF 50V	0.40
E-PCB-10uV3V	Electro 10uF 3V	0.40
E-PCB-22uV50V	Electro 22uF 50V	0.40
E-PCB-25uV63V	Electro 25uF 63V	0.30
E-PCB-33uV63V	Electro 33uF 63V	0.30
E-PCB-47uV25V	Electro 47uF 25V	0.40
E-PCB-47uV63V	Electro 47uF 63V	0.40
E-PCB-100uV25V	Electro 100uF 25V	0.40
E-PCB-100uV50V	Electro 100uF 50V	0.50
E-PCB-220uV50V	Electro 220uF 50V	0.50
E-PCB-220uV50V	Electro 220uF 50V	0.50
E-PCB-330uV25V	Electro 330uF 25V	0.70
E-PCB-330uV25V	Electro 330uF 25V	0.70
E-PCB-470uV25V	Electro 470uF 25V	0.70
E-PCB-470uV25V	Electro 470uF 25V	0.70
E-PCB-1000uV25V	Electro 1000uF 25V	0.70
E-PCB-1000uV3V	Electro 1000uF 3V	1.20
E-PCB-2200uV25V	Electro 2200uF 25V	0.70
E-PCB-2200uV25V	Electro 2200uF 25V	0.70
E-ROE-2200uV3V	Electro 2200uF 3V	1.70
E-ROE-2200uV3V	Electro 2200uF 3V	1.70
E-ROE-3300uV25V	Electro 3300uF 25V	7.30
E-ROE-3300uV25V	Electro 3300uF 25V	7.30
E-ROE-3300uV3V	Electro 3300uF 3V	12.00
E-ROE-3300uV3V	Electro 3300uF 3V	12.00
E-ROE-6800uV25V	Electro 6800uF 25V	12.00
E-ROE-10000uV16V	Electro 10000uF 16V	8.10
E-ROE-10000uV16V	Electro 10000uF 16V	8.10
E-ROE-10000uV25V	Electro 10000uF 25V	11.50

### Electrolytic Axial (RT Type)

E-AX-470n63V	Electro 0.47uF 63V	0.3
E-A-1u0f63V	Electro 1.0uF 63V	0.3
E-AX-2u2f63V	Electro 2.2uF 63V	0.3
E-A-3u3f63V	Electro 3.3uF 63V	0.3
E-A-4u7f63V	Electro 4.7uF 63V	0.3
E-A-10u63V	Electro 10uF 63V	0.4
E-A-15u64V	Electro 15uF 64V	0.4
E-A-22u50V	Electro 22uF 50V	0.4
E-A-24u350V	Electro 24uF 350V	2.3
E-A-25u63V	Electro 25uF 63V	0.4
E-A-33u63V	Electro 33uF 63V	0.4
E-A-47u25V	Electro 47uF 25V	0.4
E-A-47u63V	Electro 47uF 63V	0.4
E-A-50u63V	Electro 50uF 63V	0.4
E-A-100u25V	Electro 100uF 25V	0.4

E-AX-100u63V	Electro 100uF 63V	0.60
E-AX-220u35V	Electro 220uF 35V	0.95
E-AX-220u63V	Electro 220uF 63V	0.95
E-AX-330u25V	Electro 330uF 25V	0.60
E-AX-330u63V	Electro 330uF 63V	1.10
E-AX-470u35V	Electro 470uF 35V	0.70
E-AX-470u63V	Electro 470uF 63V	1.70
E-AX-1000u35V	Electro 1000uF 35V	1.40
E-AX-1000u63V	Electro 1000uF 63V	2.30
E-AX-2200u25V	Electro 2200uF 25V	2.40
E-AX-2500u25V	Electro 2500uF 25V	1.95
E-AX-4700u35V	Electro 4700uF 35V	4.50

**Greencaps - 100 Volt**

GCAP-1x2/100V	Greencap 0.001x100 100V	0.25	0.25
GCAP-1x2/100V	Greencap 0.0012x100 100V	0.25	0.25
GCAP-1x2/100V	Greencap 0.0015x100 100V	0.25	0.25
GCAP-1x8/70V	Greencap 0.001x100 100V	0.25	0.25
GCAP-2x2/100V	Greencap 0.0022x100 100V	0.25	0.25
GCAP-2x7/100V	Greencap 0.0027x100 100V	0.25	0.25
GCAP-3x3/100V	Greencap 0.0033x100 100V	0.25	0.25
GCAP-4x4/100V	Greencap 0.0044x100 100V	0.25	0.25
GCAP-4x7/70V	Greencap 0.0047x100 100V	0.25	0.25
GCAP-5x6/100V	Greencap 0.0056x100 100V	0.25	0.25
GCAP-6x8/100V	Greencap 0.0068x100 100V	0.25	0.25
GCAP-8x8/100V	Greencap 0.0088x100 100V	0.25	0.25
GCAP-10x10/100V	Greencap 0.01x100 100V	0.25	0.25
GCAP-15x15/100V	Greencap 0.015x100 100V	0.3	0.3
GCAP-15x15/100V	Greencap 0.015x100 100V	0.3	0.3
GCAP-18x18/100V	Greencap 0.018x100 100V	0.3	0.3
GCAP-22x22/100V	Greencap 0.022x100 100V	0.3	0.3
GCAP-33x33/100V	Greencap 0.033x100 100V	0.5	0.5
GCAP-33x33/100V	Greencap 0.033x100 100V	0.5	0.5
GCAP-39x100V	Greencap 0.039x100 100V	0.25	0.25
GCAP-47x100V	Greencap 0.047x100 100V	0.25	0.25
GCAP-58x100V	Greencap 0.058x100 100V	0.25	0.25
GCAP-68x100V	Greencap 0.068x100 100V	0.25	0.25
GCAP-82x100V	Greencap 0.082x100 100V	0.25	0.25
GCAP-100x100V	Greencap 0.1x100 100V	0.3	0.3
GCAP-120x100V	Greencap 0.12x100 100V	0.3	0.3
GCAP-150x100V	Greencap 0.15x100 100V	0.3	0.3
GCAP-180x100V	Greencap 0.18x100 100V	0.3	0.3
GCAP-220x100V	Greencap 0.22x100 100V	0.6	0.6
GCAP-330x100V	Greencap 0.33x100 100V	0.6	0.6
GCAP-390x100V	Greencap 0.39x100 100V	0.7	0.7
GCAP-470x100V	Greencap 0.47x100 100V	0.7	0.7

## Greenhouse - 250 Volts

GCAP-470n/250V	Greencap 0.47uF 250V	0.95
GCAP-1u0/250V	Greencap 1.0uF 250V	1.25

### Metalized Polyester

MPOL-1-10/50V	Metalized Polyester	0.40
MPOL-1-10/50V	Metalized Polyester	0.40
MPOL-2-10/50V	Metalized Polyester	0.40
MPOL-2-20/50V	Metalized Polyester	0.40
MPOL-2-20/50V	Metalized Polyester	0.40
MPOL-4-10/50V	Metalized Polyester	0.40
MPOL-6-10/50V	Metalized Polyester	0.40
MPOL-1-10n/50V	Metalized Polyester	0.50
MPOL-1-10n/50V	Metalized Polyester	0.50
MPOL-2-20n/50V	Metalized Polyester	0.50
MPOL-2-20n/50V	Metalized Polyester	0.50
MPOL-4-7n/50V	Metalized Polyester	0.50
MPOL-6-8n/50V	Metalized Polyester	0.50
MPOL-1-100n/50V	Metalized Polyester	0.50
MPOL-1-50n/50V	Metalized Polyester	0.80
MPOL-2-20n/50V	Metalized Polyester	0.70
MPOL-2-20n/50V	Metalized Polyester	0.70
MPOL-4-70n/50V	Metalized Polyester	1.10
MPOL-6-80n/50V	Metalized Polyester	1.10
MPOL-1-10u/50V	Metalized Polyester	1.10
MPOL-1-10u/50V	Metalized Polyester	1.10
MPOL-2-20u/50V	Metalized Polyester	2.10
MPOL-2-20u/50V	Metalized Polyester	2.10
MPOL-3-30u/50V	Metalized Polyester	2.20

## Polycarbonate

PCARB-100p/100V	Polycarbonate FK22	0.5
PCARB-120p/100V	Polycarbonate FK22	0.5
PCARB-150p/100V	Polycarbonate FK22	0.5
PCARB-180p/100V	Polycarbonate FK22	0.5
PCARB-220p/100V	Polycarbonate FK22	0.5
PCARB-270p/100V	Polycarbonate FK22	0.5
PCARB-330p/100V	Polycarbonate FK22	0.5
PCARB-560p/100V	Polycarbonate FK22	0.5
PCARB-820p/100V	Polycarbonate FK22	0.5
PCARB-1n0/100V	Polycarbonate FK22	0.5
PCARB-1n2/100V	Polycarbonate FK22	0.5
PCARB-150n/100V	Polycarbonate FK22	0.5
PCARB-330n/100V	Polycarbonate FK22	0.5

PPROP-1n1QV3S	0.40
PPROP-1n2QV3S	0.40
PPROP-1n3QV3S	0.40
PPROP-1n4QV3S	0.40
PPROP-2n1QV3S	0.40
PPROP-2n2QV3S	0.40
PPROP-2n3QV3S	0.40
PPROP-2n4QV3S	0.40
PPROP-3n1QV3S	0.40
PPROP-3n2QV3S	0.40
PPROP-4n1QV3S	0.40
PPROP-4n2QV3S	0.40
PPROP-5n1QV3S	0.40
PPROP-5n2QV3S	0.40
PPROP-10n1QV3S	0.50
PPROP-10n2QV3S	0.50
PPROP-15n1QV3S	0.50
PPROP-15n2QV3S	0.50
PPROP-22n1QV3S	0.50
PPROP-22n2QV3S	0.50
PPROP-27n1QV3S	0.50
PPROP-30n1QV3S	0.50
PPROP-30n2QV3S	0.50
PPROP-47n1QV3S	1.00
PPROP-47n2QV3S	1.00
PPROP-50n1QV3S	0.50
PPROP-50n2QV3S	0.50
PPROP-82n1QV3S	0.50
PPROP-82n2QV3S	0.50

**Taq Tantalum**

TAN-TAG-100p/83V	TAG Tantalum	0.65
TAN-TAG-100m/83V	TAG Tantalum	0.65
TAN-TAG-220p/35V	TAG Tantalum	0.65
TAN-TAG-330m/35V	TAG Tantalum	0.65
TAN-TAG-470r/35V	TAG Tantalum	0.65
TAN-TAG-680p/35V	TAG Tantalum	0.65
TAN-TAG-1u0/35V	TAG Tantalum	0.65
TAN-TAG-2u2/35V	TAG Tantalum	0.65
TAN-TAG-3u3/25V	TAG Tantalum	0.70
TAN-TAG-4u7/35V	TAG Tantalum	0.70
TAN-TAG-6u8/35V	TAG Tantalum	0.70
TAN-TAG-10u/35V	TAG Tantalum	0.95
TAN-TAG-15u/35V	TAG Tantalum	0.95
TAN-TAG-22u/25V	TAG Tantalum	1.05
TAN-TAG-33u/25V	TAG Tantalum	1.50
TAN-TAG-47u/25V	TAG Tantalum	1.50

### Trimming Capacitors

TRMR-3p0-11p	White Trimmer	1.25
TRMR-3p5-20p	Blue Trimmer	1.25
TRMR-4p2-20p	Red Trimmer	1.25
TRMR-5p2-30p	Green Trimmer	1.25
TRMR-6p0-50p	Orange Trimmer	1.25
TRMR-6p8-45p	Yellow Trimmer	1.25
TRMR-9p8-60p	Brown Trimmer	1.25

## Instrument Boxes & Cases

ABS Plastic Boxes		
ABOX-RA3	260x185x117mm ABS	49.95
ABOX-RA4	400x230x145mm ABS	72.95
BOX-U01-BLK	150x90x50mm Blk ABS	3.65
BOX-U02-BLK	196x113x60mm Blk ABS	5.55
BOX-U03-BLK	130x68x90 Blk ABS	2.25
BOX-U05-BLK	83x54x28mm Blk ABS	2.95
BOX-U010-BLK	135x93x47mm Blk Vented	8.95
CASE-1-BLK	200x160x70mm Instrmnt	14.95
CASE-2-BLK/GRY	200x160x70mm Instrmnt	14.95
CASE-3-BLK	260x190x80mm Instrmnt	19.95
CASE-4-BLK/GRY	260x190x80mm Instrmnt	19.95

### Aluminium Instrument Boxes

CASE-HORWOOD-1	210x155x100mm W/Hindls	24.5
CASE-HORWOOD-2	210x255x100mm W/Hindls	28.9
CASE-HORWOOD-3	230x205x75mm W/Hindls	24.5
CASE-HORWOOD-4	230x305x75mm W/Hindls	29.9
CASE-HTF-1	40x180x154mm Case	47.4
CASE-HTF-2	80x180x154mm Case	49.6
CASE-HTF-3	80x270x154mm Case	51.4
CASE-HTF-4	80x360x154mm Case	55.6

### Diecast Boxes

DCST-91x37x30 7969	Dest Box	7.80
DCST-110x58x30	Dest Box	10.65
DCST-118x92x34	9830 Dest Box	11.50
DCST-118x92x55	6908 Dest Box	16.30
DCST-187x118x80	6357 Dest Box	22.50

## RF Chokes



CHOKE-1uH	1.0 uhenry Choke	1.50
CHOKE-1.5uH	1.5 uhenry Choke	1.50
CHOKE-2.2uH	2.2 uhenry Choke	1.50
CHOKE-3.3uH	3.3 uhenry Choke	1.50
CHOKE-4.7uH	4.7 uhenry Choke	1.50
CHOKE-6.8uH	6.8 uhenry Choke	1.50
CHOKE-10uH	10 uhenry Choke	1.50
CHOKE-15uH250V	15 uhenry Choke 250V	1.50
CHOKE-12uH250V	12 uhenry Choke 250V	1.50
CHOKE-15uH	15 uhenry Choke	1.50
CHOKE-15uH	15 uhenry Choke	1.50
CHOKE-15uH	15 uhenry Choke	1.50
CHOKE-22uH	22 uhenry Choke	1.50
CHOKE-33uH	33 uhenry Choke	1.50
CHOKE-47uH	47 uhenry Choke	1.50
CHOKE-68uH	68 uhenry Choke	1.50
CHOKE-100uH	100 uhenry Choke	1.50
CHOKE-120uH	120 uhenry Choke	1.50
CHOKE-180uH	180 uhenry Choke	1.50
CHOKE-270uH	270 uhenry Choke	1.50
CHOKE-270uH250V	270 uhenry Choke 250V	1.50
CHOKE-330uH	330 uhenry Choke	1.50
CHOKE-470uH	470 uhenry Choke	1.50
CHOKE-680uH	680 uhenry Choke	1.50
CHOKE-1000uH	1000 uhenry Choke	1.50
CHOKE-2200uH250V	2200 uhenry Choke 250V	1.50
CHOKE-3300uH330V	3300 uhenry Choke 330V	1.50
CHOKE-1000uH	1000 uhenry Choke	1.50
CHOKE-1000uH	1000 uhenry Choke	1.50

## Breadboards, Printed Circuit Aids & Materials

### Combination Packs

EZK101	1.02mm Tees/Elbows/Cnrs	6.30
EZK102	1.27mm Tees/Elbows/Cnrs	6.30
EZK103	1.57mm Tees/Elbows/Cnrs	6.30
EZK107	2.03mm Tees/Elbows/Cnrs	6.30
EZK104	2.54mm Tees/Elbows/Cnrs	6.30

### Donuts

Z68A1/STRIP	1.27mm OD	Dat 2.54mm LX	8.55
EZ5000	1.27mm OD	Dat 2.54mm LX	1.60
EZ5001	1.27mm OD	Dat 2.54mm ZX	6.30
EZ5003	1.91mm OD	Dat 2.54mm LX	6.30
EZ5004	1.27mm OD	Dat 2.54mm LX	6.30
EZ2216	2.03mm OD	Dat 0.79mm ID	4.90
EZ1011	2.54mm OD	Dat 0.79mm ID	4.90
EZ5014	2.54mm OD	Dat 3.96mm LX	6.30
EZ5015	2.54mm OD	Dat 3.96mm ZX	6.30
EZ2039	3.05mm OD	Dat 0.79mm ID	4.90
EZ102	3.18mm OD	Dat 0.79mm ID	4.90
EZ144	3.81mm OD	Dat 0.79mm ID	4.90
EZ103	3.96mm OD	Dat 0.79mm ID	4.90
EZ247	4.06mm OD	Dat 1.02mm ID	4.90
EZ138	4.06mm OD	Dat 0.79mm ID	4.90
EZ139	4.06mm OD	Dat 0.79mm ID	4.90
EZ109	6.35mm OD	Dat 1.57mm ID	4.90
EZ111	7.62mm OD	Dat 1.57mm ID	4.90

## Drills

EZ-C7SC/1	0.70mm Carbide Drill	10.85
EZ-C8SC/1	0.80mm Carbide Drill	10.85
EZ-C9SC/1	0.90mm Carbide Drill	10.85
EZ-C10SC/1	1.00mm Carbide Drill	10.85
EZ-C12SC/1	1.20mm Carbide Drill	10.85
EZ-HSS.70	0.70mm HSS Drill	5.36
EZ-HSS.80	0.80mm HSS Drill	4.16
EZ-HSS.90	0.90mm HSS Drill	4.16
EZ-HSS1.00	1.00mm HSS Drill	2.85
EZ-HSS1.20	1.20mm HSS Drill	2.86

All prices include Sales Tax. Tax Exempt Prices upon presentation of valid tax exemption certificate - min value \$10.00 per line item. Wholesale prices on request. Credit only to established accounts. Cheque, Money Order or Credit Cards with all other orders please. **More products being added daily. Inclusion of any product does not guarantee availability. Please check to avoid disappointment.**

CAS8	RS232 Male to Male	12.95
CAS9	Female to Female Bender	12.95
CAS10	Centronics Female/Fmal	29.95
CAS23	D98 Pig to D825 Skt	8.95
CAS23/A	D98 Pig to D825 Skt	10.80
CAS24	D98 Skt to D825 Pig	8.95
CAS24/A	D98 Skt to D825 Pig	10.80
DCA-115	D825/4 Pin Modlr Pig	5.90
DCA-116	D825/6 Pin Modlr Pig	5.90
DCA-117	D825/8 Pin Modlr Pig	8.50
G8-D09-F/F	D09 Skt to Skt	7.35
G8-D09-M/M	D09 Pig to Pig	7.35
G8-D15-F/F	D15 Skt to Skt	13.50
G8-D15-M/M	D15 Pig to Pig	13.50



**Keyboard - AT Extended**  
KEYBOARD-AT 101 Keys **120.00**  
KEYBOARD-CABLE Curly Cord Extension **9.95**

**Line Filters & Surge Protectors**  
CAS1 Inline Surge Protector **23.95**  
LF-2 Line Filter 2 Way **99.00**  
LF-4 Line Filter 4 Way **160.00**  
SURGE-PROTECTOR THE BUTTON Surge Prot. **29.95**

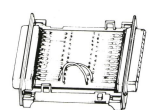


**Mouse**  
QUICK-MOUSE PC Mouse **99.95**

**Null Modem**  
CAS11 NULL MODEM Adaptor **12.95**

**RS232 Breakout Boxes & Testers**  
CAS6 RS232 Mini Tester **22.95**  
COMTEST-CLPT Current Loop Module **80.00**  
COMTEST-CT-V24 Breakout Box **315.00**  
COMTEST-CT-212 Breakout Box **285.00**  
COMTEST-CT-225 Breakout Box **415.00**  
CAS18 Breakout Box **99.95**

**RS232 Inline Switch & Patch Boxes**  
CAS4 RS232 Mini Patchbox **14.95**  
CAS5 Inline Switch Box **19.95**  
CAS7 Mini Patch Box **19.95**



## Connectors and Sockets



**Alligator Clips**  
AC26-B 26mm Blk Allig. Clip **0.30**  
AC26-R 26mm Red Allig. Clip **0.30**  
AC32-B 32mm Blk Allig. Clip **0.40**  
AC32-R 32mm Red Allig. Clip **0.40**  
AC34-B 34mm Blk Allig. Clip **0.40**  
AC34-R 34mm Red Allig. Clip **0.40**  
AC65-B 65mm Blk Allig. Clip **0.50**  
AC65-R 65mm Red Allig. Clip **0.50**



**BNC Connectors**  
BNC1 BNC Coax Pig **2.95**  
BNC2 BNC Panel Skt for BNC1 **2.20**  
BNC-TEE-BNC3 BNC 3 Female Tee **7.35**  
BNC4 BNC Joiner for BNC1 **3.35**  
BNC-TEE-BNC6 BNC Tee 2 Fmle, 1 Male **7.35**  
BNC10 BNC Coax Plug **2.95**  
BNC-TERMINATOR BNC 50 ohm Terminator **15.00**

Audio Connectors		
C25-B	2.5mm Blk Inline Skt	1.00
C25-R	2.5mm Red Inline Skt	1.00
C35-B	3.5mm Blk Mono Skt	0.90
C35-R	3.5mm Red Mono Skt	0.90
C65-M	6.35mm Metl Stereo Skt	2.80
C35S	3.5mm Stereo Inline Skt	1.50
C56S-B	6.35mm Blk Mono Skt	1.40
C56S-R	6.35mm Red Mono Skt	1.40
D44	6.35mm Plg/2x5.5mm Skt	3.00
DAS	RCA Plg/2xRCA Skt	3.95
J25	2.5mm Mono Skt	0.90
J35	3.5mm Mono Chassis Skt	0.95
J35C	3.5mm Mono Chassis Skt	0.50
J35S	3.5mm Mono Clad Skt	1.10
J65	6.35mm Mono Clad Skt	1.55
J35S	3.5mm Mono Clad Skt	1.00
J56S	6.35mm Stereo Clad Skt	2.35
J56S-1	6.35mm Stereo Clad Skt	3.50
P25-B	2.5mm Blk Phone Plg	0.65
P25-R	2.5mm Red Phone Plg	0.65
P35-B	3.5mm Blk Phone Plg	0.70
P35-R	3.5mm Red Phone Plg	0.70
P65-B	6.35mm Blk Phone Plg	1.00
P65-R	6.35mm Grn Phone Plg	1.45
P65MA	6.35mm Mono Metl Plg	1.95
PA10	3.5mm Plg/6.35mm Skt	1.95
PA20	6.35mm Plg/3.5mm Skt	1.95
PA25	RCA Plg/BNC Skt	3.95
PA30	6.35mm Plg/RCS Skt	1.95
PA60	3.5mm Plg/RCA Skt	1.95
PA80	3.5mm Plg/6.35mm Skt	2.45
PA90	6.35mm Plg/3.5mm Skt	2.45
PA140	RCA Skt/RCA Skt	2.45
PS35-B	3.5mm Blk Stereo Plg	1.15
PS35-R	3.5mm Red Stereo Plg	1.15
P56S-B	6.35mm Blk Stereo Plg	1.45
P56S-R	6.35mm Red Stereo Plg	1.45
P56SM	6.35mm Metl Stereo Plg	2.80
P65P	6.35mm Stereo Phone Plg	1.45
ST-1	Speaker Terminal	1.50



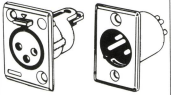
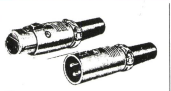
Banana Connectors		
2mm		
SP-11721/AJBLK	2mm Blk Plg	1.30
SP-11721/AJRED	2mm Red Plg	1.30
SP-11736/BLK	2mm Blk Stackable Plg	1.85
SP-11736/RED	2mm Red Stackable Plg	1.85
SP-11737/AJBLK	2mm Blk Pnl Mount Skt	2.10
SP-11737/AJRED	2mm Red Pnl Mount Skt	2.10
3mm		
SP-1378A/VBLK	3mm Blk Banana Plg	1.90
SP-1378A/VRED	3mm Red Banana Plg	1.90
SP-13171/VBLK	3mm Blk Pnl Mount Skt	2.10
SP-13171/VRED	3mm Red Pnl Mount Skt	2.10
4mm		
BP4-B	4mm Blk Banana Plg	0.80
BP4-R	4mm Red Banana Plg	0.80
BS4-B	4mm Blk Banana Skt	0.55
BS4-R	4mm Red Banana Skt	0.55
HCK-9203-1	4mm Blk Shtkl Plg	2.70
HCK-9203-2	4mm Red Shtkl Plg	2.70
SP-1378A/VBLK	4mm Blk Banana Plg	1.90
SP-1378A/VRED	4mm Red Banana Plg	1.90
SP-11318/VBLK	4mm Blk Pnl Mount Skt	1.55
SP-11318/VRED	4mm Red Pnl Mount Skt	1.55
SP-11568/VBLK	4mm Blk Cptve Head Skt	1.95
SP-11568/VBLU	4mm Blu Cptve Head Skt	1.95
SP-11568/VGRN	4mm Grn Cptve Head Skt	1.95
SP-11568/VRED	4mm Red Cptve Head Skt	1.95
SP-11568/VYLLW	4mm Ylw Cptve Head Skt	1.95



**BNC Connectors**  
BNC1 BNC Coax Pig **2.95**  
BNC2 BNC Panel Skt for BNC1 **2.20**  
BNC-TEE-BNC3 BNC 3 Female Tee **7.35**  
BNC4 BNC Joiner for BNC1 **3.35**  
BNC-TEE-BNC6 BNC Tee 2 Fmle, 1 Male **7.35**  
BNC10 BNC Coax Plug **2.95**  
BNC-TERMINATOR BNC 50 ohm Terminator **15.00**



**BNC Connectors**  
BNC1 BNC Coax Pig **2.95**  
BNC2 BNC Panel Skt for BNC1 **2.20**  
BNC-TEE-BNC3 BNC 3 Female Tee **7.35**  
BNC4 BNC Joiner for BNC1 **3.35**  
BNC-TEE-BNC6 BNC Tee 2 Fmle, 1 Male **7.35**  
BNC10 BNC Coax Plug **2.95**  
BNC-TERMINATOR BNC 50 ohm Terminator **15.00**



**Cannon/Neutrik Connectors**  
CAN-AXR-3-11 3 Pin Inline Female Skt **7.00**  
CAN-AXR-3-12 3 Pin Inline Male Skt **6.45**  
CAN-AXR-3-31 3 Pin Frnt Chassis Skt **6.45**  
CAN-AXR-3-32 3 Pin Male Chassis Plg **5.25**  
CAN-AXR-4-11 4 Pin Inline Frnt Plg **13.50**  
CAN-AXR-4-12 4 Pin Inline Male Skt **8.75**  
CAN-AXR-4-31 4 Pin Frnt Chassis Skt **13.50**  
CAN-AXR-4-32 4 Pin Male Chassis Plg **8.65**  
CAN-AXR-LE-11 3 Pin 250V Female Plg **15.00**  
CAN-AXR-LE-12 3 Pin 250V Male Skt **15.00**  
CAN-AXR-LE-31 3 Pin 250V Female Skt **11.55**  
CAN-AXR-LE-32 3 Pin 250V Male Skt **11.55**



**Centronics Connectors - Solder Type**  
CENT-14-PLG Centronics Cable Plg **5.90**  
CENT-14-SKT Centronics Cable Skt **5.85**  
CENT-16-PLG Centronics Cable Plg **5.90**  
CENT-16-SKT Centronics Cable Skt **5.85**  
CENT-36-SKT Centronics Cable Skt **12.50**  
CENT-50-PLG Centronics Cable Plg **12.50**  
CENT-50-SKT Centronics Cable Skt **12.50**



**Coaxial Connectors**  
COAX-PL258 75 ohm Jmr for PL259 **2.35**  
COAX-PL259 75 ohm Coax Plg-Rdr **2.35**  
COAX-R249 75 ohm R/A Plg **3.70**  
COAX-SMD-SKT-RA Coax SMD RA Skt **1.95**  
PA-22 PL259 to BNC Adaptor **1.95**  
PL258 See Coax PL259 **2.35**  
PL259 See Coax PL259 **3.70**



**Submin "D" Type Connectors - Crimp Type**

**9 PIN - Including Pins**  
D-09-CRIMP-PLG 9 Pin Crimp Plg **1.95**  
D-09-CRIMP-SKT 9 Pin Crimp Skt **1.95**  
**15 PIN - Including Pins**  
D-15-CRIMP-PLG 15 Pin Crimp Plg **2.20**  
D-15-CRIMP-SKT 15 Pin Crimp Skt **2.20**  
**25 PIN - Including Pins**  
D-25-CRIMP-PLG 25 Pin Crimp Plg **2.90**  
D-25-CRIMP-SKT 25 Pin Crimp Skt **2.90**  
**Crimp Pins**  
D-CRIMP-PINS-F Gold Female Crimp Pins **0.05**  
D-CRIMP-PINS-M Gold Male Crimp Pins **0.05**

**Submin "D" Type Connectors - Solder Type**

**9 PIN**  
D-09-PLG 9 Pin Solder Plg **1.70**  
D-09-SKT 9 Pin Solder Skt **1.80**

**Covers**  
D-09-SHELL 9 Pin Shell **1.20**  
D-09-SHELL-MTLSD 9 Pin Shell **1.20**  
D-09-SHELL-T/S 9 Pin Shell w/T Screw **1.95**

**PCB Mount - Right Angle**  
D-08-PLG-RA-LNG 9 Pin R/A Plg Long **3.75**  
D-08-PLG-RA-SHT 9 Pin R/A Plg Short **3.75**  
D-08-SKT-RA-LNG 9 Pin R/A Skt Long **4.25**  
D-08-SKT-RA-SHT 9 Pin R/A Skt Short **4.25**

**15 Pin**  
D-15-PLG 15 Pin Solder Plg **4.95**  
D-15-SKT 15 Pin Solder Skt **4.95**  
D-15-PLG 15 Pin Solder Plg **1.95**  
D-15-SKT 15 Pin Solder Skt **1.95**

**Covers**  
D-15-SHELL 15 Pin Shell **1.25**  
D-15-SHELL-MTLSD 15 Pin Metalised Shell **1.25**  
D-15-SHELL-T/S 15 Pin Shell w/T Screw **1.95**

**PCB Mount**  
D-15-PLG-RA-LNG 15 Pin R/A Plg Long **4.50**  
D-15-PLG-RA-SHT 15 Pin R/A Plg Short **4.50**  
D-15-SKT-RA-LNG 15 Pin R/A Skt Long **4.75**  
D-15-SKT-RA-SHT 15 Pin R/A Skt Short **4.75**

**23 Pin**  
D-23-PLG 23 Pin Solder Plg **3.50**  
D-23-SKT 23 Pin Solder Skt **3.50**  
D-23-SKT 23 Pin Solder Skt **3.50**

**25 Pin**  
D-25-PLG 25 Pin Solder Plg **1.95**  
D-25-SKT 25 Pin Solder Skt **1.95**

**Covers**  
D-25-SHELL 25 Pin Backshell **1.20**  
D-25-SHELL-MTLSD 25 Pin Metalised Shell **1.20**  
D-25-SHELL-T/S 25 Pin Shell w/T Screw **1.95**

**9 PCB Mount - Right Angle**  
D-25-PLG-RA-LNG 25 Pin R/A Plg Long **4.00**  
D-25-PLG-RA-SHT 25 Pin R/A Plg Short **4.00**  
D-25-SKT-RA-LNG 25 Pin R/A Skt Long **6.00**  
D-25-SKT-RA-SHT 25 Pin R/A Skt Short **6.50**

**Submin "D" Type Connectors - Solder Type**

**37 Pin**  
D-37-PLG 37 Pin Solder Plg **5.00**  
D-37-SKT 37 Pin Solder Skt **5.50**  
D-37-SKT 37 Pin Solder Skt **6.50**

**"D" Type Accessories**  
D-PLATE-D8L-PLAS Double D8 Plate-Plastic **1.80**  
D-PLATE-S8L-PLAS Single D8 Plate-Plastic **1.80**  
D-JACK-SCREWS **0.70**



**DC Connectors**  
DC10 1.0mm DC Plg-SANYO **1.20**  
DC13 1.3mm DC Plg-SANYO-AWA **1.20**  
DC16 1.6mm DC Plg **0.95**  
DC21 2.1mm DC Plg **0.90**  
DC25 2.5mm DC Plg **0.90**  
DC31 3.1mm Plg-JVC **1.15**  
D21 2.1mm DC Skt **1.00**  
D21P 2.1mm PCB Mount Skt **1.00**  
DJ25 2.5mm DC Skt **1.00**  
DJ25P 2.5mm PCB Mount Skt **0.85**



**DC Connectors**  
DC10 1.0mm DC Plg-SANYO **1.20**  
DC13 1.3mm DC Plg-SANYO-AWA **1.20**  
DC16 1.6mm DC Plg **0.95**  
DC21 2.1mm DC Plg **0.90**  
DC25 2.5mm DC Plg **0.90**  
DC31 3.1mm Plg-JVC **1.15**  
D21 2.1mm DC Skt **1.00**  
D21P 2.1mm PCB Mount Skt **1.00**  
DJ25 2.5mm DC Skt **1.00**  
DJ25P 2.5mm PCB Mount Skt **0.85**

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#### DIN Pin Connectors

DIN-J30	2 Pin DIN Slt	0.50
DIN-J33	3 Pin Panel Mount Slt	0.90
DIN-J34	4 Pin Panel Mount Slt	1.10
DIN-J35	5 Pin DIN Chassis Slt	1.30
DIN-J35A	5 Pin Domino Pnl Slt	1.30
DIN-J36	6 Pin Panel Mount Slt	1.40
DIN-J37	7 Pin DIN Metal Slt	1.50
DIN-J38	8 Pin 270D DIN Mtl Slt	1.60
DIN-119044/CSF	5 Pin Flash Sse Mnt Slt	8.85
DIN-119045/PT	5 Pin DIN Plg	0.10
DIN-P01	3 Pin DIN Plg	0.70
DIN-P03	3 Pin DIN Plg	0.90
DIN-P04	4 Pin DIN Plg	1.10
DIN-P05	5 Pin Shielded Plg 180	1.30
DIN-P05	5 Pin DIN Plg 360 Deg	1.30
DIN-P05-M	5 Pin DIN Plg	1.30
DIN-P06	6 Pin Shielded Plg	1.50
DIN-P07	7 Pin Shielded Plg	1.70
DIN-P08	8 Pin 270 Degree Plg	1.30
DIN-P09	3 Pin Micro DIN Plg	0.45
DIN-P09M	8 Pin Micro DIN Plg	2.95
DIN-RA-SKT	3 Pin R/A Slt MAB55H	2.00
DIN-SD2	2 Pin DIN Slt	0.60
DIN-SD3	3 Pin Inline Slt	0.90
DIN-SD4	4 Pin DIN Slt	1.00
DIN-SD5	5 Pin 180 Degree Slt	1.25
DIN-SD5A	5 Pin Domino Slt	1.25
DIN-SD6	6 Pin DIN Slt	1.40
DIN-SD7	7 Pin DIN Slt	1.45
DIN-SD8	8 Pin 270 Degree Slt	1.60



#### DIN1612 Edge Connectors

EDG-DIN01-32SKT	Form A W/W ST Slt A	8.05
EDG-DIN02-32SKT	Form B PCB ST Slt A	6.00
EDG-DIN04-32SKT	Form B W/W ST Slt A	8.85
EDG-DIN05-32SKT	Form C PCB RA Slt A	8.00
EDG-DIN06-32PLG	Form C PCB ST Plg A	8.00
EDG-DIN07-32PLG	Form B W/W ST Plg A	8.00
EDG-DIN08-32PLG	Form B PCB RA Slt A	5.90
EDG-DIN10-64PLG	Form B PCB RA Plg A	58.40
EDG-DIN11-64PLG	Form B PCB ST Plg A	812.55
EDG-DIN12-64PLG	Form B W/W ST Plg A	812.55
EDG-DIN13-64SKT	Form B PCB ST Slt A	813.65
EDG-DIN15-64SKT	Form B W/W ST Slt A	811.45
EDG-DIN16-32PLG	Form C PCB ST Plg A	8.05
EDG-DIN17-32PLG	Form C PCB ST Plg A	8.05
EDG-DIN18-32PLG	Form C W/W ST Plg A	10.65
EDG-DIN19-32PLG	Form C W/W ST Plg A	10.65
EDG-DIN21-32PLG	Form C PCB RA Plg A	5.85
EDG-DIN22-32PLG	Form C PCB RA Slt A	5.85
EDG-DIN22-32SKT	Form C PCB ST Slt A	8.00
EDG-DIN26-32SKT	Form C PCB ST Slt A	8.00
EDG-DIN28-32SKT	Form C W/W ST Slt A	8.85
EDG-DIN29-32SKT	Form C PCB RA Slt A	8.85
EDG-DIN30-32SKT	Form C W/W ST Slt A	8.85
EDG-DIN31-32SKT	Form C W/W ST Slt A	8.85
EDG-DIN33-64PLG	Form C PCB ST Plg A	813.55
EDG-DIN34-64PLG	Form C W/W ST Plg A	813.55
EDG-DIN35-64PLG	Form C PCB RA Plg A	813.55
EDG-DIN38-64SKT	Form C W/W ST Slt A	813.55
EDG-DIN41-64SKT	Form C PCB ST Slt A	813.55
EDG-DIN42-96PLG	Form C PCB RA Plg A	812.55
EDG-DIN43-96PLG	Form C PCB ST Plg A	813.55
EDG-DIN44-96PLG	Form C W/W ST Slt A	813.55
EDG-DIN45-96SKT	Form C PCB ST Slt A	813.55
EDG-DIN46-96SKT	Form C W/W ST Slt A	813.55

#### IC DIP Component Carriers

IC-HDR-MACH-14	14 Pin Mchne Carp 2.50
IC-HDR-MACH-16	16 Pin Mchne Carp 2.75
IC-HDR-MACH-24	24 Pin Mchne Carp 3.00
IC-HDR-STPD-14	14 Pin Stmpt Carp 2.00



#### Leadless Chip Carrier

IC-LCC-68	68 Pin LCC Wirehsit	10.00
IC-LCC-68	28 Pin LCC Wirehsit	4.95
IC-LCC-68	14 Pin LCC Wirehsit	4.95
IC-LCC-68	68 Pin LCC Carrier	5.90
IC-LCC-84	84 Pin LCC Carrier	5.90



#### Low Insertion Force Socket

IC-NIF-24	24 Pin Low Insrtn Skt	19.50
IC-NIF-28	28 Pin Low Insrtn Skt	24.50
IC-NIF-40	40 Pin Low Insrtn Skt	32.50
IC-TEXT00L-16	16 Pin ZIF Skt	18.85
IC-TEXT00L-20	20 Pin ZIF Skt	24.50
IC-TEXT00L-24	24 Pin ZIF Skt	26.50
IC-TEXT00L-28	28 Pin ZIF Skt	28.50
IC-TEXT00L-32	32 Pin ZIF Skt	30.50
IC-TEXT00L-40	40 Pin ZIF Skt	49.95



#### Solder Sockets

IC-MACH-06	6 Pin Machine Slt	0.55
IC-MACH-08	8 Pin Machine Slt	0.60
IC-MACH-14	14 Pin Machine Slt	1.00
IC-MACH-16	16 Pin Machine Slt	1.15
IC-MACH-18	18 Pin Machine Slt	1.30
IC-MACH-20	20 Pin Machine Slt	1.40
IC-MACH-22	22 Pin Machine Slt	1.70
IC-MACH-24	24 Pin Machine Slt	1.70
IC-MACH-28	28 Pin Machine Slt	2.00
IC-MACH-40	40 Pin Machine Slt	2.00
IC-MACH-64	64 Pin Machine Slt	4.50

#### Tin

IC-TIN-08	8 Pin Solder Slt	0.20
IC-TIN-08	8 Pin Solder Slt	0.20
IC-TIN-14	14 Pin Solder Slt	0.25
IC-TIN-16	16 Pin Solder Slt	0.35
IC-TIN-18	18 Pin Solder Slt	0.40
IC-TIN-20	20 Pin Solder Slt	0.40
IC-TIN-22	22 Pin Solder Slt	0.40
IC-TIN-24	24 Pin Solder Slt	0.40
IC-TIN-28	28 Pin Solder Slt	0.50
IC-TIN-40	40 Pin Solder Slt	0.50

#### Wire Wrap Sockets

IC-MACH-06-WW	6 Pin Machine W/Wrap	1.40
IC-MACH-08-WW	8 Pin Machine W/Wrap	1.85
IC-MACH-14-WW	14 Pin Machine W/Wrap	3.50
IC-MACH-16-WW	16 Pin Machine W/Wrap	3.75
IC-MACH-18-WW	18 Pin Machine W/Wrap	3.75
IC-MACH-20-WW	20 Pin Machine W/Wrap	4.15
IC-MACH-22-WW	22 Pin Machine W/Wrap	4.20
IC-MACH-24-WW	24 Pin Machine W/Wrap	4.60
IC-MACH-28-WW	28 Pin Machine W/Wrap	5.35
IC-MACH-40-WW	40 Pin Machine W/Wrap	7.55

#### Wire Wrap - Dual Wire

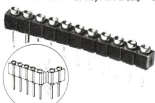
IC-TIN-06-WW	6 Pin Wire Wrap Slt	1.00
IC-TIN-08-WW	8 Pin Wire Wrap Slt	1.45
IC-TIN-14-WW	14 Pin Wire Wrap Slt	2.40
IC-TIN-16-WW	16 Pin Wire Wrap Slt	2.50
IC-TIN-18-WW	18 Pin Wire Wrap Slt	3.00
IC-TIN-20-WW	20 Pin Wire Wrap Slt	3.40
IC-TIN-22-WW	22 Pin Wire Wrap Slt	3.50
IC-TIN-24-WW	24 Pin Wire Wrap Slt	3.95
IC-TIN-28-WW	28 Pin Wire Wrap Slt	3.95
IC-TIN-40-WW	40 Pin Wire Wrap Slt	4.20

#### Wire Wrap - Templates

IC-TEMPLATE-08	8 Pin W/W Template x 1	1.20
IC-TEMPLATE-14	14 Pin W/W Template x 1	2.20
IC-TEMPLATE-18	18 Pin W/W Template x 1	2.20
IC-TEMPLATE-20	20 Pin W/W Template x 1	2.20
IC-TEMPLATE-24	24 Pin W/W Template x 1	2.50
IC-TEMPLATE-28	28 Pin W/W Template x 1	2.50

#### Socket Strips

IC-SIL-MACH-20	20 Way Mchne Strip	1.95
IC-SIL-MACH-32	32 Way Mchne Strip	2.50
IC-SIL-MACH-20-R	20 Way Mchne Strip R/A	6.20
IC-SIL-MACH-20-W	20 Way Mchne Strip W/W	6.50
IC-SIL-MACH-32-W	32 Way Mchne Strip W/W	6.50
IC-SIL-MACH-20P	20 Way Pin-Pin Strip	7.50



#### Socket Strip for Square Post Headers

SP-SIL-MACH-32	32 Way Mchne Strip	6.95
SP-SIL-MACH-32-RA	32 Way Mchne Strip	10.45
SP-SIL-MACH-32	32 Way Mchne Strip	15.00
SP-DIL-MACH-32-RA	32 Way Mchne Strip RA16.30	15.00

#### ICD Centronics Connectors

ICD-CENT-24-PLG	Centronics ICD Plg	7.75
ICD-CENT-36-SKT	Centronics ICD Skt	8.00
ICD-CENT-36-PLG	Centronics ICD Plg	8.00
ICD-CENT-36-SKT	Centronics ICD Skt	8.00
ICD-CENT-50-PLG	Centronics ICD Plg	14.25
ICD-CENT-50-SKT	Centronics ICD Skt	14.50



#### ICD "D" Type Connectors

ICD-D08-PLG	9 Pin ICD D Plg	4.90
ICD-D08-SKT	9 Pin ICD D Skt	5.70
ICD-D15-PLG	15 Pin ICD D Plg	8.00
ICD-D15-SKT	15 Pin ICD D Skt	9.40
ICD-D25-PLG	25 Pin ICD D Plg	8.00
ICD-D25-SKT	25 Pin ICD D Skt	8.80
ICD-D37-PLG	37 Pin ICD D Plg	16.95
ICD-D37-SKT	37 Pin ICD D Skt	17.50
ICD-D50-PLG	50 Pin ICD D Plg	32.95
ICD-D50-SKT	50 Pin ICD D Skt	32.95

#### Edge Edge Connectors

ICD-EDGE-10	10 Way ICD Edge Cntr	3.50
ICD-EDGE-20	20 Way ICD Edge Cntr	3.50
ICD-EDGE-26	26 Way ICD Edge Cntr	5.00
ICD-EDGE-26-EARS	26 Way ICD Edge Cntr	5.00
ICD-EDGE-34	34 Way ICD Edge Cntr	6.00
ICD-EDGE-40	40 Way ICD Edge Cntr	6.00
ICD-EDGE-50	50 Way ICD Edge Cntr	6.40

#### ICD Right Angle Headers

ICD-HDR-RA-10	Right Angle PCB HDR	4.55
ICD-HDR-RA-14	Right Angle PCB HDR	3.40
ICD-HDR-RA-16	Right Angle PCB HDR	3.95
ICD-HDR-RA-20	Right Angle PCB HDR	4.20
ICD-HDR-RA-24	Right Angle PCB HDR	4.50
ICD-HDR-RA-34	Right Angle PCB HDR	4.50
ICD-HDR-RA-40	Right Angle PCB HDR	5.95
ICD-HDR-RA-50	Right Angle PCB HDR	6.75
ICD-HDR-RA-60	Right Angle PCB HDR	6.50

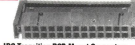
#### ICD Straight Headers

ICD-HDR-STR-10	Straight PCB HDR	3.25
ICD-HDR-STR-14	Straight PCB HDR	3.95
ICD-HDR-STR-16	Straight PCB HDR	3.95
ICD-HDR-STR-20	Straight PCB HDR	4.50
ICD-HDR-STR-24	Straight PCB HDR	4.95
ICD-HDR-STR-34	Straight PCB HDR	5.95
ICD-HDR-STR-50	Straight PCB HDR	6.50



#### ICD DIP Plugs

ICD-DIP-16	16 Pin ICD DIP Plg	3.25
ICD-DIP-16	16 Pin ICD DIP Plg	3.25
ICD-DIP-20	20 Pin ICD DIP Plg	3.75
ICD-DIP-24	24 Pin ICD DIP Plg	3.95
ICD-DIP-28	28 Pin ICD DIP Plg	4.10
ICD-DIP-40	40 Pin ICD DIP Plg	5.45



#### ICD Transition PCB Mount Connectors

ICD-TRANS-10-PCB	PCB Mount Pttl Pin	2.50
ICD-TRANS-14-P	14 Way Transition Plg	8.95
ICD-TRANS-16-P	16 Way Transition Plg	9.50
ICD-TRANS-20-P	20 Way Transition Plg	10.50
ICD-TRANS-26-P	26 Way Transition Plg	8.00
ICD-TRANS-34-P	34 Way Transition Plg	15.25
ICD-TRANS-40-P	40 Way Transition Plg	18.45
ICD-TRANS-50-P	50 Way Transition Plg	29.90

#### ICD Transition Sockets

ICD-TRANS-10-S	10 Way Transition Skt	1.75
ICD-TRANS-14-S	14 Way Transition Skt	1.85
ICD-TRANS-16-S	16 Way Transition Skt	3.50
ICD-TRANS-20-S	20 Way Transition Skt	3.50
ICD-TRANS-26-S	26 Way Transition Skt	2.40
ICD-TRANS-34-S	34 Way Transition Skt	4.25
ICD-TRANS-40-S	40 Way Transition Skt	5.60
ICD-TRANS-50-S	50 Way Transition Skt	5.60
ICD-TRANS-60-S	60 Way Transition Skt	6.60

#### IEC Appliance Connectors

IEC-L2145B	3 Pin Chassis Filter	16.95
IEC-1950A	3 Pin IEC Chassis Inlet	2.50
IEC-2157	3 Pin R/A Chassis Inlet	3.10
IEC-L1867	PVC Protective Boot	0.85
IEC-L2292	3 Pin Reverse Chassis Inlet	1.00
IEC-L2298	3 Pin Reverse Chassis Inlet	6.35
IEC-L2723	3 Pin Switch & Fused 16	7.05
IEC-L2728	3 Pin Fused Inlet	7.05



#### Molex Connectors

MOLEX-04-SKT	4 Pin Molex Skt	1.95
MOLEX-04-SKT/5	4 Pin Molex Skt/5	9.75
MOLEX-04-SKT/10	4 Pin Molex Skt/10	17.75
MOLEX-04-PLG/5	4 Pin Molex Plg/5	1.95
MOLEX-04-PLG/10	4 Pin Molex Plg/10	17.75
MOLEX-06-SKT	6 Pin Molex Skt	2.95



#### Pin Headers 2.54mm Pitch

Right Angle		
PIN-HDR-RA-2X4	Hdr R/A 2 x 4 Pins	0.95
PIN-HDR-RA-2X8	Hdr R/A 2 x 8 Pins	1.50
PIN-HDR-RA-2X13	Hdr R/A 2 x 13 Pins	1.65
PIN-HDR-RA-1X40	Hdr R/A 1 x 40 Pins	3.00
PIN-HDR-RA-2X40	Hdr R/A 2 x 40 Pins	5.90

#### Straight

PIN-HDR-STR-1X20	Hdr Straight 1 x 20	0.75
PIN-HDR-STR-1X40	Hdr Straight 1 x 40	1.50
PIN-HDR-STR-2X40	Hdr Straight 2 x 40	2.90



#### RCA Connectors

RA1A.1	RCA Blk Inline Slt	0.50
RA1A.8	RCA Red Inline Slt	0.50
RA1A.M	RCA Blk Inline Slt	1.20
RA2A.9	RCA Blk Plg	0.50
RA2A.9	RCA Red Plg	0.50
RA2A.9	RCA Plg Gold Plated	1.95
RA3A.8	RCA Blk Chassis Slt	4.60
RA3A.8	RCA Blk Chassis Slt	1.00
RA3A.8	RCA Red Chassis Slt	4.60
RA3A.8	RCA Metal Plg	1.20
RA3A.8	RCA Insd Chassis Slt	0.80
RA3A.8	RCA Board 2 Sits	0.95

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## Heat Sink Accessories

CMPD-7-5	7.5g Silicone Grease	2.50
CMPD-150	150g Silicone Grease	18.95
CMPD-SYRINGE	10mL Silicone Grease	5.30
KIT-T032	T03 Mica Kit/2	8.35
KIT-T03C	T03 Mica Kit/100	19.55
KIT-T06B2	T06B Mica Kit/2	0.55
KIT-T06B6	T06B Mica Kit/100	19.55
KIT-T0220A	T0220 Mica Kit/4	1.50
KIT-T0220C	T0220 Mica Kit/100	19.50



## Keyboards

KBD-IBM-AT	101 Key	129.95
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## Knobs

## Aluminum Knobs

KNOB-BLK-16-AL	16mm Blk w/ Silver	1.55
KNOB-BLK-22-AL	22mm Blk w/ Silver	1.85
KNOB-BLK-30-AL	30mm Blk w/ Silver	2.25
KNOB-BLK-40-AL	40mm Blk w/ Silver	3.25
KNOB-FLT-15-AL	15mm Blk Nat Alum	1.70
KNOB-FLT-20-AL	20mm Blk Nat Alum	1.80
KNOB-ANOD-15-AL	15mm Blk Anodized Alum	1.80
KNOB-ANOD-20-AL	20mm Blk Anodized Alum	1.95

## Collet Knobs

KNOB-COLLET-21	21mm Ivory 1/4 Shaft	1.80
KNOB-COLLET-36	36mm Ivory 1/4 Shaft	1.95

## PVC Knobs

KNOB-FLT-15-PVC	15mm Blk Fluted PVC	0.85
KNOB-FLT-20-PVC	20mm Blk Fluted PVC	0.95
KNOB-BLK-LINE-23	23mm Blk w/Line	0.75
KNOB-BLK-PRTR-23	23mm Blk w/Printer	1.00
KNOB-BLK-24	24mm Blk w/ Alum Insert	1.00
KNOB-BLK-32	32mm Blk w/ Alum Insert	1.10

## Colour Cap Series

KNOB-BLU-15	15mm Blk w/Blu Insert	0.75
KNOB-GRN-15	15mm Blk w/Grn Insert	0.75
KNOB-RED-15	15mm Blk w/Red Insert	0.75
KNOB-YEL-15	15mm Blk w/Yel Insert	0.75
KNOB-BLU-20	20mm Blk w/Blu Insert	1.00
KNOB-GRN-20	20mm Blk w/Grn Insert	1.00
KNOB-RED-20	20mm Blk w/Red Insert	1.00
KNOB-YEL-20	20mm Blk w/Yel Insert	1.00

## Rubber Feet

FEET-SQR-13/4	13mm Stickon Rb/4	0.95
FEET-SQR-13/C	13mm Stickon Rb/100	9.50
FEET-SQR-20/4	20mm Stickon Rb/4	0.95
FEET-SQR-20/C	20mm Stickon Rb/100	9.50
FEET-RND-13/8	13mm Screwon 4mm Hole/8	1.75
FEET-RND-13/C	13mm Screwon 4mm/1001/99	



## Screws - Metric

## 3mm Round Head Screws, Nuts and Washers

NUT-3mm/25	3mm Hex Nut/25	1.25
NUT-3mm/C	3mm Hex Nut/100	2.95
SCREW-RH-3-6/25	3mmx6mm/25	0.95
SCREW-RH-3-6/C	3mmx6mm/100	1.95
SCREW-RH-3-10/25	3mmx10mm/25	0.95
SCREW-RH-3-10/C	3mmx10mm/100	1.95
SCREW-RH-3-15/25	3mmx15mm/25	0.95
SCREW-RH-3-15/C	3mmx15mm/100	2.50
SCREW-RH-3-20/25	3mmx20mm/25	0.95
SCREW-RH-3-20/C	3mmx20mm/100	2.75
SCREW-RH-3-25/25	3mmx25mm/25	0.95
SCREW-RH-3-25/C	3mmx25mm/100	2.75
SCREW-RH-3-32/25	3mmx32mm/25	1.45
SCREW-RH-3-32/C	3mmx32mm/100	3.95
WASHER-FLAT-3/25	3mm Flat Washer/25	0.95
WASHER-FLAT-3/C	3mm Flat Washer/100	2.95
WASHER-SP-3/25	3mm Shake Proof/25	1.45
WASHER-SP-3/C	3mm Shake Proof/100	3.95

## 4mm Round Head Screws, Nuts and Washers

NUT-4mm/25	4mm Hex Nut/25	1.25
NUT-4mm/C	4mm Hex Nut/100	2.95
SCREW-RH-4-10/25	4mmx10mm/25	0.95

SCREW-RH-4-10/C	4mmx10mm/100	2.95
SCREW-RH-4-15/25	4mmx15mm/25	1.25
SCREW-RH-4-15/C	4mmx15mm/100	3.95
WASHER-FLAT-4/25	4mm Flat Washer/25	0.95
WASHER-FLAT-4/C	4mm Flat Washer/100	2.95
WASHER-SP-4/25	4mm Shake Proof/25	1.45
WASHER-SP-4/C	4mm Shake Proof/100	3.95

## Screws - Self Tapping

SCREW-ST-4-6/25	No 4x6mm/25	0.95
SCREW-ST-4-6/C	No 4x6mm/100	1.95
SCREW-ST-4-12/25	No 4x12mm/25	0.95
SCREW-ST-4-12/C	No 4x12mm/100	1.95
SCREW-ST-6-6/25	No 6x6mm/25	0.95
SCREW-ST-6-6/C	No 6x6mm/100	1.95
SCREW-ST-8-12/25	No 8x12mm/25	0.95
SCREW-ST-8-12/C	No 8x12mm/100	2.95

## Screws and Standoffs

SPCR-HEX-10-3/4	3mmx10mm Tapped/4	1.60
SPCR-HEX-10-3/4	3mmx10mm Tapped/100	18.50
SPCR-HEX-12-3/4	3mmx12mm Tapped/4	1.60
SPCR-HEX-12-3/4	3mmx12mm Tapped/100	14.50
SPCR-HEX-25-3/4	3mmx25mm Tapped/4	1.95
SPCR-HEX-25-3/4	3mmx25mm Tapped/100	102.50
SPCR-INS-04-3/4	3mmx4mm Insld/4	2.40
SPCR-INS-04-3/4	3mmx4mm Insld/4	2.60
SPCR-INS-12-3/4	3mmx12mm Insld/4	2.40
SPCR-INS-12-3/4	3mmx12mm Insld/4	2.70
SPCR-INS-18-3/4	3mmx18mm Insld/4	2.70
SPCR-INS-24-3/4	3mmx24mm Insld/4	2.90
SPCR-RND-06-3/8	3mmx6mm Clinco/8	1.20
SPCR-RND-06-3/8	3mmx6mm Clinco/8	9.60
SPCR-RND-06-3/8	3mmx6mm Clinco/8	1.20
SPCR-RND-09-3/8	3mmx9mm Clinco/8	10.50
SPCR-RND-12-3/8	3mmx12mm Clinco/8	1.40
SPCR-RND-12-3/8	3mmx12mm Clinco/8	12.00
SPCR-RND-25-3/8	3mmx25mm Clinco/8	1.40
SPCR-RND-25-3/8	3mmx25mm Clinco/8	17.50



## Nylon Printed Circuit Board Supports

Both styles feature a chassis locking barb requiring a 4.7mm chassis hole and a 3.8mm PCB hole. They differ only in the PCB retaining method.

## Releaseable Self Locking Style

SPCR-SILO/LNC	10mm Self Locking/100	0.15
SPCR-SILO/LNC	10mm Self Locking/100	12.00
SPCR-SILO/LNC	12mm Self Locking	0.15
SPCR-SILO/LNC	12mm Self Locking/100	12.00
SPCR-SILO/LNC	14mm Self Locking	0.20
SPCR-SILO/LNC	14mm Self Locking/100	15.00
SPCR-SILO/LNC	16mm Self Locking	0.30
SPCR-SILO/LNC	16mm Self Locking/100	23.00

## Tension Retaining Style

SPCR-SIO/TN	10mm Tension	0.15
SPCR-SIO/TN	10mm Tension/100	0.15
SPCR-SIO/TN	12mm Tension	0.15
SPCR-SIO/TN	12mm Tension/100	12.00
SPCR-SIO/TN	14mm Tension	0.20
SPCR-SIO/TN	14mm Tension/100	15.00
SPCR-SIO/TN	16mm Tension	0.30
SPCR-SIO/TN	16mm Tension/100	23.00

## Sprays

ANTI-STATIC MIST	150gsm Anti-Static Spray	4.95
TAPE HEAD CLEANER	75mL Tape Head Cleaner	4.95

## Instruments, Power Supplies &amp; Accessories

## Test Instruments



## Logic Probes &amp; Pulsers

ELP-B10	Logic Pulser	39.95
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## Multimeters - Analogue

ST-350	Electricians Tester	33.60
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## EMTEK

EDM-728	3 1/2 Dgt Rotary Swch	80.55
EDM-1116A	3 1/2 Dgt Cap+Trans	124.10
EDM-1122	3 1/2 Dgt 9 Fct	156.10
EDM-2116	3 1/2 Dgt Bench Mr	234.20
ST-3501	3 1/2 Dgt Wide Range	98.75

## FLUKE

FLUKE-23	Autorange Sealed	344.40
FLUKE-73	Multimeter	153.60
FLUKE-75	Multimeter	249.60
FLUKE-77	Multimeter	340.80
FLUKE-83	Multimeter	418.80
FLUKE-85	Multimeter	492.00
FLUKE-87	Multimeter	576.00



## GOLDSTAR

DM-6135	GOLDSTAR 3 1/2 Dgt	69.00
DM-6135	Memory + Data Hold	69.00

## Meters - Special Function

DT-2224	Tacho Non Contact	232.90
DT-2225	Tacho Contact Type	224.90
EDC-1110	Capacitance Meter	123.90
ELC-130	L C R Meter	251.20
LOR-815	L C R Meter	1551.00

## Frequency Counters

GFC-8010G	Frequency Counter	300.10
GFC-8055G	Frequency Counter	430.90
GFC-8130G	Frequency Counter	720.50

## Function Generators

GFG-8020G	Fctn Gen 2Hz-2MHz	446.90
GFG-8019G	Fctn Gen 2Hz-2MHz	619.60

## Oscilloscopes - Goodwill

GOS-823	20MHz Oscilloscope	924.00
GOS-823T	20MHz Scope WIDly	1112.10
GOS-843	40MHz Oscilloscope	1455.30

## Oscilloscopes - Kikusai

KOS-8020G	20MHz Oscilloscope	980.00
KOS-8021T	20MHz Scope WIDly	1243.00
COS-5041TM	40MHz Scope WIDly	1325.00
COS-5060TM	60MHz Oscilloscope	2065.00

## Power Supplies

GPD-3020	Dual 30V 2A Anlg	624.25
GPD-3020D	Dual 30V 2A Dgtl	763.50
GPD-3020	Dual Power Supply	735.95
GPD-3030	Dual Power Supply	743.50
GPR-3030	Single Power Supply	280.60

## EPROM Programmers

HUSKY	EPROM Programmer	1092.00
LEAD-101A	IBM-PC PRGM Prgrmr	495.50
SHOOTER	EPROM Programmer	962.50

## EPROM Erasers

LER-123	EPROM Eraser	263.30
LER-121	EPROM Eraser	105.30

## Clamp Meters

DCT-300	Clamp Meter	127.00
DCT-310	8 Fcnctn w/Temp	183.80
MCP-4	Clamp Meter	89.45
ST-300	Clamp Meter	76.80
ST-1000	Clamp Meter	118.60

## Temperature Probe

TA-1	Temperature Probe	55.95
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## Test Instrument Accessories

COS-8020	GOLDSTAR Soft Case	13.80
CRO-PROBES	CRO Probe Switch	39.95
ESORT-CASE-EC30	Soft Meter Cases	12.40
FLUKE-CASE-25	FLUKE Case	45.60
FLUKE-HOLSTER	FLUKE Hst Ld 70	22.80
FLUKE-Y1314	FLUKE Test Ld Set	49.20

## Test Leads &amp; Clips

2mm Silicone Test Leads		
HCK-MS101	2mm Blk 1.0M Lead	7.70
HCK-MS102	2mm Red 1.0M Lead	7.70

## 2mm Test Clips

HCK-8234-1	2mm Blk Hook Clip	3.00
HCK-8234-2	2mm Red Hook Clip	3.00
HCK-9217-1	2mm Blk Stackable Pig	1.85
HCK-9217-2	2mm Red Stackable Pig	1.85
HCK-9225-1	2mm Blk Test Prod	2.70
HCK-9225-2	2mm Red Test Prod	2.70
HCK-9227-1	4mm/2mm Blk Adaptor	1.80
HCK-9227-2	4mm/2mm Red Adaptor	1.80
HCK-9229-1	2mm Blk Tweezers	10.60
HCK-9229-2	2mm Red Tweezers	10.60

## 4mm Silicone Test Leads

HCK-9014-1	4mm Blk Sght 1.0M	11.40
HCK-9014-2	4mm Red Sght 1.0M	11.40
HCK-9016-1	4mm Blk R/A 1.0M	12.10
HCK-9016-2	4mm Red R/A 1.0M	12.10
HCK-9024-1	4mm Blk Sght 1.0M	12.25
HCK-9024-2	4mm Red Sght 1.0M	12.25
HCK-9026-1	4mm Blk R/A 1.0M	12.80
HCK-9026-2	4mm Red R/A 1.0M	12.80
HCK-9112-1	4mm Blk Shtyl 1.0M	4.75
HCK-9112-2	4mm Red Shtyl 1.0M	4.75
HCK-9113-1	4mm Blk Shtyl 1.0M	4.75
HCK-9113-2	4mm Red Shtyl 1.0M	4.75
HCK-9051	4mm Blk 15A 0.5M	6.85
HCK-9052	4mm Red 15A 0.5M	6.85
HCK-9053	4mm Blk 15A 0.5M	6.85
HCK-9054	4mm Red 15A 0.5M	6.85
HCK-9055	4mm Blk 15A 0.5M	6.85
HCK-9056	4mm Red 15A 0.5M	6.85
HCK-9101	4mm Blk 15A 1.0M	8.70
HCK-9102	4mm Red 15A 1.0M	8.70
HCK-9103	4mm Blk 15A 1.0M	8.70
HCK-9104	4mm Red 15A 1.0M	8.70
HCK-9105	4mm Blk 15A 1.0M	8.70
HCK-9106	4mm Red 15A 1.0M	8.70
HCK-9151	4mm Blk 15A 1.5M	10.45
HCK-9152	4mm Red 15A 1.5M	10.45
HCK-9153	4mm Blk 15A 1.5M	10.45
HCK-9154	4mm Red 15A 1.5M	10.45
HCK-9155	4mm Blk 15A 1.5M	10.45
HCK-9156	4mm Red 15A 1.5M	10.45

All prices include Sales Tax. Tax Exempt Prices upon presentation of valid tax exemption certificate - min value \$10.00 per line item. Wholesale prices on request. Credit only to established accounts. Cheque, Money Order or Credit Cards with all other orders please. More products being added daily. Inclusion of any product does not guarantee availability. Please check to avoid disappointment.



#### 4mm Test Clips

HCK-9116-1	4mm Blk Hook Grip	9.50
HCK-9116-2	4mm Red Hook Grip	9.50
HCK-9119-1	4mm Blk Jaw Grip	14.50
HCK-9119-2	4mm Red Jaw Grip	14.50
HCK-9103-1	4mm Blk Clamp 50mm	10.60
HCK-9103-2	4mm Red Clamp 50mm	10.60
HCK-9123-1	4mm Blk Coupling XHK	1.50
HCK-9123-2	4mm Red Coupling XHK	1.50
HCK-9124-1	4mm Blk Adaptor XSA	3.00
HCK-9124-2	4mm Red Adaptor XSA	3.00
HCK-9132-1	4mm Blk Pnl Twin Skt	3.50
HCK-9132-2	4mm Red Pnl Twin Skt	3.50
HCK-9203-1	4mm Blk Stackable Pig	2.70
HCK-9203-2	4mm Red Stackable Pig	2.70
HCK-9205-1	4mm Blk Square Probe	2.70
HCK-9205-2	4mm Red Square Probe	2.70
HCK-9206-1	4mm Blk Hexag Probe	3.00
HCK-9206-2	4mm Red Hexag Probe	3.00
HCK-9209-1	4mm Blk Crocodile 2A	2.70
HCK-9209-2	4mm Red Crocodile 2A	2.70
HCK-9210-1	4mm Blk Crocodile 15A	4.40
HCK-9210-2	4mm Red Crocodile 15A	4.40
HCK-9214-1	4mm Blk Pnl Mount Skt	2.95
HCK-9214-2	4mm Red Pnl Mount Skt	2.95
HCK-9227-1	4mm 2mm Blk Adaptor	1.80
HCK-9227-2	4mm 2mm Red Adaptor	1.80
HCK-9230-1	4mm Red Tweezers	10.60
HCK-9230-2	4mm Red Tweezers	10.60

#### Miscellaneous Test Clips

IC TEST CLIP-8	8 Pin IC Test Clip	5.15
IC TEST CLIP-14	14 Pin IC Test Clip	7.70
IC TEST CLIP-16	16 Pin IC Test Clip	8.45
IC TEST CLIP-20	20 Pin IC Test Clip	11.05
IC TEST CLIP-24	24 Pin IC Test Clip	13.25
IC TEST CLIP-28	28 Pin IC Test Clip	15.45
IC TEST CLIP-40	40 Pin IC Test Clip	26.50
IC TEST CLIP-48	48 Pin IC Test Clip	29.05
IC TEST CLIP-64	64 Pin IC Test Clip	33.10
MU001.B	57mm Black IC Clip	1.00
MU001.R	57mm Red IC Clip	1.00
MU002.B	40mm Mini IC Clip	0.90
MU002.R	40mm Mini IC Clip	0.90
MU003.B	90mm Mini IC Clip	1.50
MU003.R	90mm Mini IC Clip	1.50



#### Panel Meters

ST-38-10A-AC	45x45mm AC Pnl Mtr	15.30
ST-38-10V-DC	45x45mm DC Pnl Mtr	15.30
ST-38-30V-DC	45x45mm DC Pnl Mtr	15.30
ST-45-10A-AC	51x51mm AC Pnl Mtr	15.55
ST-45-500uA-DC	51x51mm DC Pnl Mtr	15.55
ST-45-30V-DC	51x51mm DC Pnl Mtr	15.55
ST-45-100uA-DC	51x51mm DC Pnl Mtr	15.55
ST-65-10V-DC	51x51mm DC Pnl Mtr	15.55
ST-65-10A-AC	67x67mm AC Pnl Mtr	17.35
ST-65-30A-AC	67x67mm AC Pnl Mtr	17.35
ST-65-100uA-DC	67x67mm DC Pnl Mtr	17.35
ST-65-1A-DC	67x67mm DC Pnl Mtr	17.35
ST-65-5A-DC	67x67mm DC Pnl Mtr	17.35
ST-65-10V-DC	67x67mm DC Pnl Mtr	17.35
ST-65-30V-DC	67x67mm DC Pnl Mtr	17.35
ST-70-5A-DC	70x70 Dual DC 30V 5A	34.35
ST-70-15A-DC	70x70 Dual DC 30V 15A	34.35
ST-70-30A-DC	70x70 Dual DC 30V 30A	34.35
ST-100-5A-DC	100x80mm DC Pnl Mtr	25.80
ST-100-30V-DC	100x80mm DC Pnl Mtr	25.80
ST-160	120x94mm With Lamp	25.80
ST-670-10A-AC	70x60mm AC Pnl Mtr	16.50
ST-670-300V-AC	70x60mm AC Pnl Mtr	16.50

#### Lamps & Bezels



Incandescent Lamps and Bezels		
IL-2-GREEN	Lmp Hldr Grn IL6/IL12	1.75
IL-2-RED	Lmp Hldr Red IL6/IL12	1.75
L-12	12V Lamp for IL-2 Hldr	0.30
IL-3-YELLOW	Sqre Ylw 12V Lamp/Hldr	1.65

Red LED and Bezel	
IL-6-RED	LED Red Lamp

<b>LED Lamp Holders</b>	
LED HOLDER	SCHURTER LED Holder

#### Relays

<b>5 Volt Relays Single Pole Double Throw</b>		
211CD005P	5V 5A/250V SPDT PCB	3.50
HB1-DC5	5V 1A/120V SPDT PCB	3.50
F0011-F110	4.5-9V 5A/250 4PST Crdl	5.90



12 Volt Relays Single Pole Double Throw	
21D12	12V .5A/120V SPDT PCB
QJAZ-SS-112L	12V 1A/120V SPDT PCB
QUD-SS-112D	12V 10A/120V SPDT PCB
OMI-SS-112L	12V 10A/240V SPDT PCB
611D012V	12V 10A/240V SPDT PCB
25A04C18A	12V SPDT

12 Volt Relays Double Pole Double Throw	
NF2-12	12V .25A/220V DPDT PCB
QUB-SS-212D	12V 2A/120V DPDT PCB
DS2E-MIL	12V 2A/220 DPDT Litch
M02-12	12V 5A/240V DPDT PCB
OMI-SS-212L	12V 5A/240V DPDT PCB
621D012V	12V 5A/240V DPDT PCB

12 Volt Relays Four Pole Double Throw	
K4P-12V	12V 2A/220V 4PDT Crdl

<b>24 Volt Relays Single Pole Double Throw</b>	
SSD106P-D024	24V 3A/250V SPDT PCB
FRL-264D024/01CK	24V 10A SPDT PCB
611D024V	24V 10A/240V SPDT PCB

24 Volt Relays Double Pole Double Throw	
B21D024V	24V 5A/240V DPDT PCB

24 Volt Relays Four Pole Double Throw	
FRL-263D024/04CL	24V 1.5A 4PDT PCB

110 Volt Relays	
ITT-SL7721619	110V 3PST Octl

5	<b>Cradle Sockets</b>	
5	RELAY-SKT	Cradle Relay Skt
5	RELAY-SKT-CLIP	Cradle Relay S



#### Resistors & Potentiometers



#### DUAL IN LINE RESISTOR NETWORKS

No. Pins	14	16	14	16
No. Res.	7	8	13	15
100.0R				
150.0R				
220.0R	✓	✓	✓	✓
270.0R				
470.0R	✓			✓
1.0K				✓
1.5K				✓
3.3K				✓
3.9K				✓
4.7K				✓
10.0K				✓
100.0K				✓
1.0M				✓

1-9	\$1.60	\$1.60	\$1.60	\$1.60
10-99	\$1.30	\$1.30	\$1.30	\$1.30
100+	\$0.95	\$0.95	\$0.95	\$0.95

#### SINGLE IN LINE RESISTOR NETWORKS

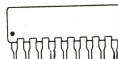
#### INDEPENDENT RESISTORS

No. Pins	8	10
No. Res.	4	5
33.0R		
220.0R	✓	✓
470.0R	✓	
1.0K		
3.3K		
3.9K		
4.7K		
10.0K		
22.0K	✓	
100.0K		
220.0K		
470.0K		
1.0M		
1-9	\$0.60	\$0.60
10-99	\$0.54	\$0.54
100+	\$0.40	\$0.40

#### SINGLE IN LINE RESISTOR NETWORKS

#### ONE COMMON PIN

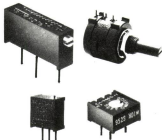
No. Pins	6	8	9	10
No. Res.	5	7	8	9
75.0R				
150.0R		✓		
220.0R		✓		
270.0R				
330.0R		✓		
390.0R				
470.0R				
680.0R				
1.0K	✓			
2.2K	✓			
3.3K	✓			
4.7K	✓			
10.0K	✓			
15.0K	✓			
20.0K	✓			
22.0K	✓			
33.0K	✓			
47.0K	✓			
100.0K	✓			
200.0K	✓			
220.0K	✓			
470.0K	✓			
1.0M	✓			
2.0M	✓			
1-9	\$0.60	\$0.60	\$0.60	\$0.60
10-99	\$0.54	\$0.54	\$0.54	\$0.54
100+	\$0.40	\$0.40	\$0.40	\$0.40



All prices include Sales Tax. Tax Exempt Prices upon presentation of valid tax exemption certificate - min value \$10.00 per line item. Wholesale prices on request. Credit only to established accounts. Cheque, Money Order or Credit Cards with all other orders please. More products being added daily. Inclusion of any product does not guarantee availability. Please check to avoid disappointment.



CERMET-POT-TOOL Cermet Pot Adjuster 2.60  
PANEL-MNT-ADPTR.75 Pot Pnt Mnt Adptr 2.60



#### MULTITURN POTENTIOMETERS

Size	7/8 Dmr.	3/4 Long	3/8 Square	3/8 Square
Type	W/W	CERMET	CERMET	CERMET
Value in Ohms	TURN PANEL	TURN ADJUST	TURN SIDE	TURN ADJUST
50.0R	✓	✓	✓	✓
100.0R	✓	✓	✓	✓
200.0R	✓	✓	✓	✓
500.0R	✓	✓	✓	✓
1.0K	✓	✓	✓	✓
2.0K	✓	✓	✓	✓
5.0K	✓	✓	✓	✓
10.0K	✓	✓	✓	✓
20.0K	✓	✓	✓	✓
25.0K	✓	✓	✓	✓
50.0K	✓	✓	✓	✓
1-9	\$13.95	\$1.95	\$1.70	\$2.65
10-99	\$1.85	\$1.60	\$2.25	\$2.65
100+	\$1.45	\$1.30	\$1.95	\$2.65

Size	7/8 Dmr.	3/4 Long	3/8 Square	3/8 Square
Type	W/W	CERMET	CERMET	CERMET
Value in Ohms	TURN PANEL	TURN ADJUST	TURN SIDE	TURN ADJUST
50.0R	✓	✓	✓	✓
100.0R	✓	✓	✓	✓
200.0R	✓	✓	✓	✓
500.0R	✓	✓	✓	✓
1.0K	✓	✓	✓	✓
2.0K	✓	✓	✓	✓
5.0K	✓	✓	✓	✓
10.0K	✓	✓	✓	✓
20.0K	✓	✓	✓	✓
25.0K	✓	✓	✓	✓
50.0K	✓	✓	✓	✓
1-9	\$41.35	\$1.95	\$1.70	\$2.65
10-99	\$1.85	\$1.60	\$2.25	\$2.65
100+	\$1.45	\$1.30	\$1.95	\$2.65

#### Rotary Panel Mount

Linear	16mm, 1/4 Shaft	2.60
16P-LIN-1K	16mm, 1/4 Shaft	2.60
16P-LIN-2K	16mm, 1/4 Shaft	2.60
16P-LIN-5K	16mm, 1/4 Shaft	2.60
16P-LIN-10K	16mm, 1/4 Shaft	2.60
16P-LIN-25K	16mm, 1/4 Shaft	2.60
16P-LIN-50K	16mm, 1/4 Shaft	2.60
16P-LIN-100K	16mm, 1/4 Shaft	3.20
16P-LIN-250K	16mm, 1/4 Shaft	3.20
16P-LIN-500K	16mm, 1/4 Shaft	3.20
16P-LIN-1M	16mm, 1/4 Shaft	3.20

Non Linear	16mm, 1/4 Shaft	2.60
16P-LOG-500	16mm, 1/4 Shaft	2.60
16P-LOG-1K	16mm, 1/4 Shaft	2.60
16P-LOG-5K	16mm, 1/4 Shaft	2.60
16P-LOG-10K	16mm, 1/4 Shaft	2.60
16P-LOG-25K	16mm, 1/4 Shaft	2.60
16P-LOG-50K	16mm, 1/4 Shaft	2.60
16P-LOG-100K	16mm, 1/4 Shaft	3.20
16P-LOG-250K	16mm, 1/4 Shaft	3.20
16P-LOG-500K	16mm, 1/4 Shaft	3.20
16P-LOG-1M	16mm, 1/4 Shaft	3.20



#### Single Turn Cermet Pots - RVG0011 Series

Specify V or H  
for X in part No

	VRTAL MOUNT	HZTAL MOUNT
	-V-	-H-
RVG0011-X-200	0.85	0.85
RVG0011-X-500	0.85	0.85
RVG0011-X-1K	0.85	0.85
RVG0011-X-2K	0.85	0.85
RVG0011-X-5K	0.85	0.85
RVG0011-X-10K	0.85	0.85
RVG0011-X-20K	0.85	0.85
RVG0011-X-50K	0.85	0.85
RVG0011-X-100K	0.85	0.85
RVG0011-X-200K	0.85	0.85
RVG0011-X-500K	0.85	0.85
RVG0011-X-1M	0.85	0.85

#### Single Turn Cermet Pots - VG067T1 Series

	VRTCL MOUNT
	-V-
VG067T1-L-100	0.50
VG067T1-L-200	0.50
VG067T1-L-500	0.50
VG067T1-L-1K	0.50
VG067T1-L-2K	0.50
VG067T1-L-5K	0.50
VG067T1-L-10K	0.50
VG067T1-L-20K	0.50
VG067T1-L-50K	0.50
VG067T1-L-100K	0.50
VG067T1-L-200K	0.50
VG067T1-L-500K	0.50
VG067T1-L-1M	0.50

## Soldering Equipment

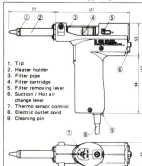
#### ACCESSORIES

BUTANE-Portasol	Soldering Iron Refill	6.95
CHEM-WICK-BLUE	Desoldering Braid	2.80
SLDR-0.71mm-250G	500g 0.71mm Solder	7.95
SLDR-0.71mm-500G	500g 0.71mm Solder	15.00
SLDR-0.9mm-250G	500g 0.9mm Solder	7.95
SLDR-0.9mm-500G	500g 0.9mm Solder	15.00
SLDR-1.25mm-250G	500g 1.25mm Solder	7.95
SLDR-1.25mm-500G	500g 1.25mm Solder	15.00

#### DESOLDERERS

#### DEION POWER DESOLDERER

DIC-5000	Motorsised Desolderer	478.50
DIC-5000-1/8mm	0.8mm Tip Assembly	37.35
DIC-5000-1/16mm	1.0mm Tip Assembly	37.35
DIC-5000-1/32mm	1.5mm Tip Assembly	37.35
DIC-5000-3	Heater holder	42.90
DIC-5000-6	Heater Assembly	47.85
DIC-5000-7	Front Pipe Setter	28.80
DIC-5000-8	G Ring(P-12)	1.80



DIC-5000-9	Glass Filter Pipe	11.40
DIC-5000-10	Filter Cartridge	4.95
DIC-5000-11	Rear Pipe Setter	28.80
DIC-5000-19	Gasket	5.00
DIC-5000-22	Seat Valve	5.00
DIC-5000-41	Motor	107.90
DIC-5000-51	Cleaning Pin	4.20
DIC-5000-57	Hot Air Nozzle	28.80
DIC-5000-STAND	Stand	42.90

#### MANUAL DESOLDERERS

HT1-DESOLD-PUMP	EPC Lola Delter Tool	15.95
HT1-TIP	Yelon Tip for HT-1	1.95
HT3-DESOLD-PUMP	EPC Antic Static Desolder	34.95
HT3C-TIP	Ceramic Tip for HT-3	4.95

#### SOLDERING IRONS, SPARE PARTS & TIPS

ELECTRICAL		
HT5-IRON	240V Soldering Iron	29.95
HT5-TIP-1.0	HT-5 Iron Tip 1.0mm	6.95
HT5-TIP-1.5	HT-5 Iron Tip 1.5mm	6.95
HT5-TIP-3.0	HT-5 Iron Tip 3.0mm	6.95
HT5-IRON	250-450 Deg 16-20W	44.95
WELLER-HEW60D	24V Heater Unit	49.95
WELLER-PTB7	2.4mm Screwdriver Tip	8.95
WELLER-PTB8	2.4mm Spade Tip	8.95
WELLER-PTC6	3.2mm Spade Tip	8.95
WELLER-PTC7	3.2mm Spade Tip	8.95
WELLER-PTK7	1.2mm Long Driver Tip	8.95
WELLER-PTP7	0.8mm Conical Tip	8.95
WELLER-SPONGE	Station Sponge	4.20
WELLER-WTCPN	Soldering Station	137.80
WELLER-ECV01D	Soldering Station	195.80

#### BUTANE (PORTAGAS)

PORTASOL-IRON	PORTASOL Sldg Iron	39.95
PORTASOL-1.0mm	PORTASOL Tip 1.0mm	12.95
PORTASOL-2.4mm	PORTASOL Tip 2.4mm	12.95
PORTASOL-3.2mm	PORTASOL Tip 3.2mm	12.95
PORTASOL-4.8mm	PORTASOL Tip 4.2mm	12.95
PROPACX-IRON	PORTASOL Professional	79.95
PROPACX-1.0mm	PROPACX Tip 1.0mm	13.50
PROPACX-2.4mm	PROPACX Tip 2.4mm	13.50
PROPACX-3.2mm	PROPACX Tip 3.2mm	13.50
PROPACX-4.8mm	PROPACX Tip 4.8mm	13.50

## Weller Soldering Stations

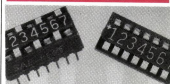
### EC2001D

- Electronic Temperature Control to within  $\pm 0.5^\circ\text{C}$  over the range  $177^\circ\text{C}$  to  $454^\circ\text{C}$
- Three digit LED readout with  $\pm 1^\circ\text{C}$  resolution
- Temperature control maintained for  $\pm 10\%$  supply variation
- Rapid response platinum temperature sensor with full proportional control
- Thyristor power control with zero-voltage switching
- Grounded tip
- 42W/24Vac transformer operation
- 10 second recovery
- 14 tip styles - 0.8 to 5.0mm diameter

#### WTCPS

Transformer powered low voltage soldering station. Features Weller closed-loop method of controlling maximum tip temperature to protect temperature sensitive components.

## Switches & Pushbuttons



#### DIP SWITCHES

DIP-2-WAY	2 Way DIP Switch	0.60
DIP-4-WAY	4 Way DIP Switch	1.80
DIP-4-WAY-DPST	DIP 4 Way Switch DP	2.25
DIP-7-WAY	7 Way DIP Switch	1.95
DIP-8-WAY	8 Way DIP Switch	3.10
DIP-8-WAY-R/A	8 Way DIP Switch R/A	4.70
DIP-8-WAY-VTCL	8 Way DIP Rotary Vcl	7.15
DIP-10-WAY	10 Way DIP Switch	3.30
DIP-10-WAY-HZNTL	10 Way DIP Rotary Hztl	7.15

#### KEY SWITCHES

BK51	Barrel Key Switch	7.50
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#### MINI SWITCHES

SWT-S3250	SPDT Microswitch 1.5A	2.95
SWT-SM-20	SPDT Std Microswt 10A	2.65
SWT-S3260	SPDT Microswitch Lever	2.05

#### PUSH BUTTON SWITCHES

MS102.BLK	Momentary Blk Push Btn	0.75
MS102.BLU	Momentary Blu Push Btn	0.75
MS102.GRN	Momentary Grn Push Btn	0.75
MS102.RED	Momentary Red Push Btn	0.75
SWT-S1090	Push On/Push Off	1.65

#### ROCKER SWITCHES

SWT-OK-1103A	SPST Tiny Rckr Ctr Off	4.45
SWT-OK-1201C	DPDT Tiny Rckr On-On-On	6.70
Miniature Rckr 250V 5A		1.80
SWT-S3240	DPDT Illumtd Rckr 240V	2.95

#### ROTARY SWITCHES

SWT-OK-1024	1x12 Rotary B.B.M. Sldr	4.55
SWT-OK-1025	2x6 Rotary B.B.M. Sldr	3.40
SWT-OK-1026	3x4 Rotary B.B.M. Sldr	3.40
SWT-OK-1027	4x2 Rotary B.B.M. Sldr	3.40
SWT-OK-1045	2x6 Rotary B.B.M. PCB	3.40

#### SLIDE SWITCHES

SWT-S10810	DPDT Miniature Slide	0.45
SWT-SMKTC	6PDT Slide Switch	2.05

#### STANDARD SINGLE POLE TOGGLE SWITCHES

SWT-OK-7101MKA	SPDT Std Tgl PCB 2A	2.40
SWT-OK-7101SY20	SPDT Std Tgl PCB 2A	3.10
SWT-AP6M639	SPDT Std Tgl Ctr Off	2.20
SWT-OK-7103	SPDT Std Tgl Ctr Off 2A	5.45

#### STANDARD DOUBLE POLE TOGGLE SWITCHES

SWT-OK-7203	DPDT Std Tgl Ctr Off 2A	7.60
SWT-OK-7211	DPDT Std Tgl On-On-On	5.70
SWT-OK-7201SY9	DPDT Std Tgl PCB 2A	9.10
SWT-AP6M648	DPDT Std Toggle	3.40

#### TINY SINGLE POLE TOGGLE SWITCHES

SWT-S1M-5	SPDT Tiny Tgl Ctr Off 1A	6.95
SWT-S1M-2A	SPDT Tiny Tgl Ctr Off 2A	2.05
SWT-S1M-2	SPDT Tiny Tgl On-On 2A	1.95

#### TINY DOUBLE POLE TOGGLE SWITCHES

SWT-S1M-4	DPDT Tiny Tgl On-On 1A	2.15
SWT-S1M-1	DPDT Tiny Tgl On-On 2A	2.15
SWT-S1M-1A	DPDT Tiny Tgl Ctr Off 2A	2.15

- Grounded tip protects voltage and current sensitive components.
- 48W stainless steel heater construction
- Non-burning silicon burner cord
- 15 tip sizes - 0.8mm to 6.0mm diameter
- 11secs to recover for  $37^\circ\text{C}$  drop
- Choice of tip temperatures  $315^\circ\text{C}/600^\circ\text{F}$ ,  $370^\circ\text{C}/70^\circ\text{F}$ ,  $430^\circ\text{C}/800^\circ\text{F}$

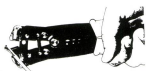
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## Tools

**Allen Keys**  
ALLEN-KEY-HT6 1.5 to 6mm, 8 Sizes **4.95**



**Crimping Tools**  
CRIMPER-CACT1 6 Traction Right Crimper **69.95**  
CRIMPER-CS300 Crimper-Cutter-Stripper **5.95**  
CRIMPER-TCT44 4 Pin US Pig Crimper **13.95**  
CRIMPER-TCT66 6 Pin US Pig Crimper **13.95**  
CRIMPER-TCT88 8 Pin US Pig Crimper **29.95**

**Cutters**  
CUTTERS-CK3799 110mm Angld Flt Ctr **46.25**  
CUTTERS-CK3798 110mm Oblique Cutter **50.60**  
CUTTERS-CK3772 115mm Side Cutters **37.50**  
CUTTERS-CK3841 120mm Side Cutters **15.40**  
CUTTERS-CK3775 135mm Side Cutters **44.60**  
CUTTERS-CK3829 145mm Side Cutters **17.50**  
CUTTERS-CK3776 120mm Top Cutters **44.60**  
CUTTERS-CK3786 120mm Top Cutters **50.10**

**Drills**  
DRILL-N-DRIVE **56.95**  
DRILL-SET 1.5 to 6.5mm 13 Sizes **21.60**

**Hot Air Gun**  
ARLEC-EHG988 Dual Heat Hot Air Gun **59.50**



**IC Tools**  
IC-EXTRACTN-16 14/16 Pin Extractn Tool **2.95**  
IC-EXTRACTN-PLCC PLCC Extraction Tool **69.74**  
IC-INSRTN-16 14/16 Pin Insertn Tool **26.40**  
IC-INSRTN-28 24/28 Pin Insertn Tool **37.90**  
IC-INSRTN-40 40 Pin Insertn Tool **44.00**

**Miscellaneous**  
PEARL-CATCH Spring Loaded 3 Claw **3.95**

**Hot Drivers**  
NUT-DRIVER-HT115 Nutdriver 3 to 5mm **14.95**

**Pliers**  
PLIERS-CK3770 120mm Flat Nose **32.80**  
PLIERS-CK3783 145mm Needle Nose **40.50**  
PLIERS-CK3771 120mm Round Nose **30.80**  
PLIERS-CK3772 120mm Snipe Nose **33.80**  
PLIERS-CK3767 120mm Snipe Nose **31.90**  
PLIERS-CK3777 120mm Snipe Nose **37.60**  
PLIERS-CK3776 150mm Snipe Nose-Bent **33.10**

**Screwdrivers & Sets**  
SD-SET-CK4854 4 Pce Jwirs Phillips **26.80**  
SD-SET-CK4884 4 Pce 3 XBlade, 1 Pips **26.80**  
SD-SET-H17 6 Pce Jwirs Dvr Set **6.95**  
SD-SET-H78 6 Pce Jwirs Dvr Set **6.95**  
SD-CK4880-2.5 2.5x60mm XBlade Dvr **7.90**  
SD-CK4880-3 2.5x75mm XBlade Dvr **7.90**  
SD-CK4880-4 3x100mm XBlade Dvr **8.90**  
SD-CK4880-6 3x150mm XBlade Dvr **8.90**  
SD-CK4881-4 4x100mm XBlade Dvr **8.90**  
SD-CK4881-6 4x150mm XBlade Dvr **8.90**  
SD-CK4882-00 2x60mm Phillips Dvr **13.95**  
SD-CK4882-0 3x60mm Phillips Dvr **7.95**  
SD-CK4882-1 4x60mm Phillips **11.20**  
SD-CK4877-TX07 3.5x60mm TORQ Dvr **15.25**  
SD-CK4877-TX08 3.5x60mm TORQ Dvr **15.25**  
SD-ELECTRICAL 1000V 6 Dvr + Tester **49.50**  
SD-ELECTRONIC 2 Pips & 5 XBlade **30.95**  
SD-TEST-E52 190mm Neon Test Dvr **2.95**  
SD-TORQ-HT20 150mm x 1.5 Torx/Mac **4.95**



## DRILL 'N' DRIVE

Rechargeable two speed drill and screwdriver

- Two Speeds Drill - 325 rpm, Screw-driver - 150 rpm
- Forward and reverse operation
- Pilot light for dark areas
- Drills timber, metal, hardened plastic

Supplied with Rechargeable Batteries AC Adaptor 3 Drill Bits 2.0, 3.0, 4.0mm 2 Sotted Screwdriver Bits 2 Phillips Screwdriver Bits



## Hot Air Gun

- Dual 400/600 °C Temp Range
- 1600 Watt output
- Built-in safety handle
- Hanging hook for storage



## ARLEC SUPER TOOL

We now stock the versatile ARLEC SUPERTOOL. Operates from safe 12V via AC adaptor. It can Drill, Engrave, Erase, Grind, Mill, Polish, Sand Etc.

Supplied with

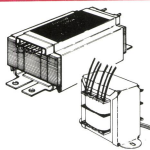
- AC Adaptor
- Spher, milling cutter
- Wire brush
- Grinding wheel
- 4 Drill bits - 0.6, 0.8, 1.0, 1.2mm
- 5 Chuck collets
- 6 Eraser sticks

**Strippers**  
STRIPPER-2 Wire Wrap Stripper **49.95**  
STRIPPER-3 Autmatic 4 Size Stripper **24.10**  
STRIPPER-CK3754 Wire Stripper **13.95**  
STRIPPER-CS200 Wire Stripper

**Tool Kits**  
ARLEC-SUPER-TOOL 12V Drill/Grinder **69.50**  
ARLEC-ET612 Erasers for Supertool **2.50**  
ARLEC-ET722 Wire Brushes **14.50**  
ARLEC-ET625 Drills for Supertool **7.95**  
ARLEC-ET827 Grinding Pads Supertool **10.95**  
ARLEC-ET888 Diamond Engraving Bit **15.95**  
ARLEC-ET689 Cng Discs Supertool **10.95**  
TOOL-KIT-CSK4 Computer Suce Aids **46.95**  
TOOL-KIT-CSK8 Computer Suce Aids **52.95**  
TOOL-KIT-CSK12 Computer Suce Aids **119.95**  
TOOL-KIT-CSK16 Computer Suce Aids **122.95**  
TOOL-KIT-CSK32 Computer Suce Aids **127.95**  
TOOL-KIT-CSK64 Computer Suce Aids **286.95**

**Tweezers**  
TWEEZERS-CK2302 115mm Straight **7.35**  
TWEEZERS-CK2316 120mm Straight **21.05**  
TWEEZERS-CK2317 120mm Bent Tweezers **23.15**  
TWEEZERS-CK2314 150mm Bent Tweezers **9.85**  
TWEEZERS-CK2312 160mm Cross Pattern **8.20**

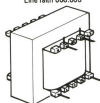
## Transformers & Coils



**Chassis Mounting - Low Profile - 240V 50Hz**  
PL12/20VA 6-0-6V @ 1.67A **28.75**  
PL12/40VA 6-0-6V @ 3.33A **31.55**  
PL12/60VA 12V @ 5A **38.70**  
PL15/20VA 7.5-0-7.5V @ 1.67A **28.75**  
PL15/40VA 7.5-0-7.5V @ 2.67A **31.55**  
PL15/60VA 15-0-15V @ 1.11A **38.70**  
PL18/20VA 9-0-9V @ 1.11A **28.75**  
PL18/40VA 9-0-9V @ 2.22A **31.55**  
PL18/60VA 9-0-9V @ 3.33A **46.75**  
PL24/20VA 12-0-12V @ 0.83A **28.75**  
PL24/40VA 12-0-12V @ 1.67A **31.50**  
PL24/60VA 12-0-12V @ 2.5A **46.65**  
PL30-9/40VA 9V @ 3A, 15-0-15 @ 500m **48.35**  
PL30-9/60VA 9V @ 3A, 15-0-15 @ 500m **49.50**  
PL30/20VA 15-0-15V @ 0.67A **28.75**  
PL30/40VA 15-0-15V @ 1.33A **31.50**  
PL30/60VA 15-0-15V @ 2A **46.65**  
PL40/20VA 20-0-20V @ 0.5A **28.75**  
PL40/40VA 20-0-20V @ 1.0A **31.50**  
PL110/60VA 110V @ 0.55A, Sgl Wnd **40.00**

**Jones Transformers**  
JT-348 JONES Transformer **18.50**  
JT-353 JONES Transformer **85.80**

**Line Isolation Transformer**  
MTS20 Line Isln 600:600 **15.90**

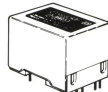


**Line Matching Transformers**  
MT552 75ohm to 300/600 Ohm **59.05**  
OP612 Tapped 2,4,8,200 50W **60.30**

**Line Transformers**  
TFMR-M105 Speaker Line 4 Watt **7.50**  
TFMR-M120 Speaker Line 20 Watt **17.50**

**Maina Transformers**  
TFMR-2155 240V 6 Taps @ 1A **11.95**  
TFMR-2156 240V 6W/12/15 @ 2A **19.95**  
TFMR-2851 12.6-0-12.6V @ 150mA **6.95**

**PCB Mounting - 240V 50Hz Primary**  
PL9/5VA 4.5-0-4.5V @ 1.11A **18.20**  
PL12/5VA 6-0-6V @ 0.41A **18.20**  
PL15/5VA 7.5-0-7.5V @ 0.33A **18.20**  
PL18/5VA 9-0-9V @ 0.28A **18.20**  
PL24/5VA 12-0-12V @ 0.20A **18.20**  
PL30/5VA 15-0-15V @ 0.16A **18.20**  
PL40/5VA 20-0-20V @ 0.13A **18.20**  
PL161/5VA 8V @ 200mA 12-0-12 150 **21.30**



**Step Down Transformers - Open**  
TS32/200VA 32V @ 6.5A Open **75.00**

**Toroidal Transformer - 160W**  
TFMR-3050 12-12V @ 6.7A/13.3A **55.00**  
TFMR-3060 25-25V @ 3.2A/6.4A **55.00**  
TFMR-3075 40-40V @ 2.0A/4.0A **55.00**

**Toroidal Transformer - 300W**  
TFMR-3085 12-12V @ 12.5A/25.0A **69.95**  
TFMR-3088 25-25V @ 6.0A/12.0A **69.95**  
TFMR-3100 40-40V @ 7.5A/15.0A **69.95**

**Variable Transformers**  
TFMR-VARIABLE-5A Vrble Tmr 250V/5A **175.00**  
TFMR-VARIABLE-7A Vrble Tmr 270V/7A **206.00**  
TFMR-VARIABLE-13A Vrble Tmr 270V/13A **345.00**

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## SEMICONDUCTORS

## 4000 Series CMOS

4000C	Dual 3 Input NAND	0.75
4001BC	Quad 2 Input NAND	0.45
4006C	18 Bit Static S/R	1.45
4007C	Dual Comp Pair +Inv	0.75
4008BC	4 Bit Full Adder	1.45
4009C	Hex Buff Inverter	0.90
4010C	Hex Buff Non Inv	0.90
4011BC	Dual 4 Input NAND	0.45
4012BC	Dual 4 Input NAND	0.45
4013BC	Quad 0 Flip Flop	0.75
4014BC	8 Bit Static S/R	1.45
4015BC	Dual 4 Bit Static S/R	1.45
4015C	Dual 5 Bit Rgstr	1.40
4016BC	Quad Bilateral Switch	0.75
4017BC	Decade Counter/Divr	1.30
4018BC	Quad AND/OR/Select	0.75
4020BC	14 Stage R/C Binary	1.60
4021BC	8 Bit Universal Rgstr	2.65
4022BC	Div by 8 Counter/Divr	1.45
4023BC	Triple 3 Input NAND	1.45
4024BC	7 Bit Binary Cntr	1.30
4025BC	Dual V.C. Multivibr	1.30
4025BC	Triple 3 Input NAND	1.40
4027BC	Dual J-K Flip Flop	0.75
4028BC	BCD Decimal Decoder	1.15
4029BC	Preset Up/Down Cntr	1.40
4030BC	See 4070B	
4031BC	64 Bit Static S/R	2.95
4040BC	12 Bit Binary R/C	1.10
4041BC	Quad True/Comp Buf	1.10
4042BC	Quad D Lch	1.20
4043BC	Quad NOR Tri-State Lch	1.20
4044BC	Quad NAND Tri-State	1.25
4046BC	Phase Locked Loop	1.85
4047BC	Monostable Multivibr	1.90
4049C	Hex Buff Inverting	0.60
4050BC	Hex Buff Non Inv	0.60
4051BC	8 Channel Mux	1.20
4052BC	Divrt 4 Channel Mux	1.20
4053BC	Tri-State Channel Mux	1.20
4060BC	14 Bit Cntr/Oscillator	0.80
4065BC	Quad Bilateral Switch	1.10
4066BC	8 Input NAND	0.50
4069BC	Dual Marked 74C04	
4069BC	Dual Marked 74C04	
4070BC	Dual Marked 74C86	
4071BC	Quad 2 Input	0.45
4072BC	Quad 4 Input	0.50
4075BC	Dual Marked 74C13	
4077BC	Quad Exclusive NOR	0.45
4078BC	8 Input NAND	0.85
4081BC	Quad 2 Input AND	0.85
4082BC	Quad AND/OR/Inv	0.85
4089BC	Binary Rate Multiplier	1.90
4090BC	Quad 2 Input NAND Schmt	0.85
4094BC	8 Stage Storage Rgstr	3.30
4095BC	8 Bit Address Lch	1.90
4101BC	Quad 4 Input NAND	1.30
4503BC	Dual Marked 80C97	
4506BC		0.95
4507BC	Quad Exclusive OR	0.85
4508BC	Quad 4 Bit Lch	2.65
4510BC	BCD Up/Down Cntr	1.40
4511BC	BCD Segment Dvr	2.60
4512BC	8 Channel Data Selector	1.40
4513BC	BCD 7 Segment Dvr	2.50
4515BC	4 Bit Lch 415 Dvr	2.50
4516BC	Binary Up/Down Cntr	1.40
4518BC	Quad 4 Bit Up Cntr	1.60
4520BC	Dual Binary Up Cntr	1.50
4521BC	24 Stage Divider	1.90
4522BC	Divide by N(BCD)	1.90
4526BC	Divide by N(Binary)	1.90
4527BC	BCD Rate Multiplier	1.90
4528BC	Dual Mono Multivibr	1.90
4529BC	Dual 4 Chnl And/Or/Inv	2.10
4530BC	Dual 5 Input Majority	2.10
4531BC	Dual Mono Multivibr	1.90
4541BC	Programmable Timer	1.45
4542BC	BCD Segment Dvr	2.60
4551BC	Quad SPOT Analog Switch	1.95
4553BC	3 Digit BCD Cntr	3.10
4555BC	Dual 1/4 Mux	3.30
4556BC	Dual 1/4 Mux	2.10
4559BC	Dual BCD/Binary Cntr	1.90
4572BC	Hex Gate	1.60
4584BC	See 74C14	
4585BC	See 74C85	

## 74C Series CMOS

74C00	Quad 2 Input NAND	0.90
74C01	Quad 2 Input NOR	0.90
74C02	Hex Inverter	0.50
74C03	Quad 2 Input AND	0.90
74C04	Triple 3 Input NAND	0.90
74C10	Hex Schmitt Trigger	1.50
74C14	Quad 4 Input NAND	0.90
74C20	8 Input NAND	0.90
74C21	Quad 2 Input OR	0.90
74C22	Quad 2 Input OR	0.90
74C23	BCD/Decimal Dvr	2.50
74C24	Dual J-K Flip Flop	1.70
74C25	Dual J-K Flip Flop	2.25
74C26	Dual J-K Flip Flop	2.25
74C27	4 Bit Comp	3.70
74C28	Quad Exclusive	0.50
74C29	Binary Cntr	2.65
74C30	1 of 16 Dvr	8.50
74C31	8 Bit Mux	5.90
74C32	415 Dvr	2.60
74C33	Preset Decade Cntr	2.60
74C34	Preset Binary Cntr	2.60
74C35	Preset Decade Cntr	2.60
74C36	Preset Binary Cntr	2.60
74C37	8 Bit PI 50 S/R	3.40
74C38	Tri-State Quad Lch	3.40
74C39	Hex D Flip Flop	2.20
74C40	Dual D Flip Flop	2.20
74C41	Up/Down Binary Cntr	2.80
74C42	Up/Down Binary Cntr	2.80
74C43	Dual Mono Multivibr	3.70
74C44	Tri-State Octal Buf	3.70
74C45	Tri-State Octal Buf	3.70
74C46	Tri-State Octal Lch	3.15
74C47	Tri-State Octal Lch	3.15
74C48	Hex Inverter Buf	2.00
74C49	Hex Buf	2.00
74C50	Hex Inverter Buf	2.00
74C51	Hex N Channel Buf	2.00
74C52	Hex P Channel Buf	2.00
74C53	Quad Hi Voltage Dvr	3.60
74C54	CMOS Comp Quad Compr	4.85
74C55	Display Controller	19.40
74C56	Display Controller	19.40
74C57	Hex Schmitt Trigger	3.80
74C58	Display Controller	19.40
74C59	256x4 SRAM 250Ns	17.70
74C60	16 Key Encoder	9.90
74C61	20 Key Encoder	9.95
74C62	4 Digit Cntr	13.20
74C63	4 Digit Cntr	13.20
74C64	4 Digit 17 Segment Cntr	20.10
74C65	Tri-State Hex Inverter	1.40
74C66	Tri-State Hex Inverter	1.40
74C67	Tri-State Hex Buf	1.40
74C68	Tri-State Hex Inverter	1.40

## 74HC High Speed Series CMOS

74HC00	Quad 2 Input NAND	0.70
74HC01	Quad 2 Input NOR	0.70
74HC02	Quad 2 Input NAND	0.70
74HC03	Hex Inverter	0.70
74HC04	Hex Inverter	0.95
74HC05	Hex Inverter	0.70
74HC06	Tri-State 3 Input NAND	0.70
74HC10	Triple 3 Input NAND	0.70
74HC11	Triple 3 Input NAND	0.70
74HC14	Hex Schmitt Trigger	1.50
74HC20	Dual 4 Input NAND	0.90
74HC21	Dual 4 Input NAND	0.90
74HC22	Tri-State 3 Input NAND	0.70
74HC23	8 Input NAND	0.70
74HC24	Quad 2 Input OR	0.70
74HC25	Quad 2 Input OR	0.70
74HC26	Quad 2 Input OR	0.70
74HC27	Quad 2 Input OR	0.70
74HC28	Quad 2 Input OR	0.70
74HC29	Quad 2 Input OR	0.70
74HC30	Quad 2 Input OR	0.70
74HC31	Quad 2 Input OR	0.70
74HC32	Quad 2 Input OR	0.70
74HC33	Quad 2 Input OR	0.70
74HC34	Quad 2 Input OR	0.70
74HC35	Quad 2 Input OR	0.70
74HC36	Quad 2 Input OR	0.70
74HC37	Quad 2 Input OR	0.70
74HC38	Quad 2 Input OR	0.70
74HC39	Quad 2 Input OR	0.70
74HC40	Quad 2 Input OR	0.70
74HC41	Quad 2 Input OR	0.70
74HC42	Quad 2 Input OR	0.70
74HC43	Quad 2 Input OR	0.70
74HC44	Quad 2 Input OR	0.70
74HC45	Quad 2 Input OR	0.70
74HC46	Quad 2 Input OR	0.70
74HC47	Quad 2 Input OR	0.70
74HC48	Quad 2 Input OR	0.70
74HC49	Quad 2 Input OR	0.70
74HC50	Quad 2 Input OR	0.70
74HC51	Quad 2 Input OR	0.70
74HC52	Quad 2 Input OR	0.70
74HC53	Quad 2 Input OR	0.70
74HC54	Quad 2 Input OR	0.70
74HC55	Quad 2 Input OR	0.70
74HC56	Quad 2 Input OR	0.70
74HC57	Quad 2 Input OR	0.70
74HC58	Quad 2 Input OR	0.70
74HC59	Quad 2 Input OR	0.70
74HC60	Quad 2 Input OR	0.70
74HC61	Quad 2 Input OR	0.70
74HC62	Quad 2 Input OR	0.70
74HC63	Quad 2 Input OR	0.70
74HC64	Quad 2 Input OR	0.70
74HC65	Quad 2 Input OR	0.70
74HC66	Quad 2 Input OR	0.70
74HC67	Quad 2 Input OR	0.70
74HC68	Quad 2 Input OR	0.70
74HC69	Quad 2 Input OR	0.70
74HC70	Quad 2 Input OR	0.70
74HC71	Quad 2 Input OR	0.70
74HC72	Quad 2 Input OR	0.70
74HC73	Quad 2 Input OR	0.70
74HC74	Quad 2 Input OR	0.70
74HC75	Quad 2 Input OR	0.70
74HC76	Quad 2 Input OR	0.70
74HC77	Quad 2 Input OR	0.70
74HC78	Quad 2 Input OR	0.70
74HC79	Quad 2 Input OR	0.70
74HC80	Quad 2 Input OR	0.70
74HC81	Quad 2 Input OR	0.70
74HC82	Quad 2 Input OR	0.70
74HC83	Quad 2 Input OR	0.70
74HC84	Quad 2 Input OR	0.70
74HC85	Quad 2 Input OR	0.70
74HC86	Quad 2 Input OR	0.70
74HC87	Quad 2 Input OR	0.70
74HC88	Quad 2 Input OR	0.70
74HC89	Quad 2 Input OR	0.70
74HC90	Quad 2 Input OR	0.70
74HC91	Quad 2 Input OR	0.70
74HC92	Quad 2 Input OR	0.70
74HC93	Quad 2 Input OR	0.70
74HC94	Quad 2 Input OR	0.70
74HC95	Quad 2 Input OR	0.70
74HC96	Quad 2 Input OR	0.70
74HC97	Quad 2 Input OR	0.70
74HC98	Quad 2 Input OR	0.70
74HC99	Quad 2 Input OR	0.70
74HC100	Quad 2 Input OR	0.70
74HC101	Quad 2 Input OR	0.70
74HC102	Quad 2 Input OR	0.70
74HC103	Quad 2 Input OR	0.70
74HC104	Quad 2 Input OR	0.70
74HC105	Quad 2 Input OR	0.70
74HC106	Quad 2 Input OR	0.70
74HC107	Quad 2 Input OR	0.70
74HC108	Quad 2 Input OR	0.70
74HC109	Quad 2 Input OR	0.70
74HC110	Quad 2 Input OR	0.70
74HC111	Quad 2 Input OR	0.70
74HC112	Quad 2 Input OR	0.70
74HC113	Quad 2 Input OR	0.70
74HC114	Quad 2 Input OR	0.70
74HC115	Quad 2 Input OR	0.70
74HC116	Quad 2 Input OR	0.70
74HC117	Quad 2 Input OR	0.70
74HC118	Quad 2 Input OR	0.70
74HC119	Quad 2 Input OR	0.70
74HC120	Quad 2 Input OR	0.70
74HC121	Quad 2 Input OR	0.70
74HC122	Quad 2 Input OR	0.70
74HC123	Quad 2 Input OR	0.70
74HC124	Quad 2 Input OR	0.70
74HC125	Quad 2 Input OR	0.70
74HC126	Quad 2 Input OR	0.70
74HC127	Quad 2 Input OR	0.70
74HC128	Quad 2 Input OR	0.70
74HC129	Quad 2 Input OR	0.70
74HC130	Quad 2 Input OR	0.70
74HC131	Quad 2 Input OR	0.70
74HC132	Quad 2 Input OR	0.70
74HC133	Quad 2 Input OR	0.70
74HC134	Quad 2 Input OR	0.70
74HC135	Quad 2 Input OR	0.70
74HC136	Quad 2 Input OR	0.70
74HC137	Quad 2 Input OR	0.70
74HC138	Quad 2 Input OR	0.70
74HC139	Quad 2 Input OR	0.70
74HC140	Quad 2 Input OR	0.70
74HC141	Quad 2 Input OR	0.70
74HC142	Quad 2 Input OR	0.70
74HC143	Quad 2 Input OR	0.70
74HC144	Quad 2 Input OR	0.70
74HC145	Quad 2 Input OR	0.70
74HC146	Quad 2 Input OR	0.70
74HC147	Quad 2 Input OR	0.70
74HC148	Quad 2 Input OR	0.70
74HC149	Quad 2 Input OR	0.70
74HC150	Quad 2 Input OR	0.70
74HC151	Quad 2 Input OR	0.70
74HC152	Quad 2 Input OR	0.70
74HC153	Quad 2 Input OR	0.70
74HC154	Quad 2 Input OR	0.70
74HC155	Quad 2 Input OR	0.70
74HC156	Quad 2 Input OR	0.70
74HC157	Quad 2 Input OR	0.70
74HC158	Quad 2 Input OR	0.70
74HC159	Quad 2 Input OR	0.70
74HC160	Quad 2 Input OR	0.70
74HC161	Quad 2 Input OR	0.70
74HC162	Quad 2 Input OR	0.70
74HC163	Quad 2 Input OR	0.70
74HC164	Quad 2 Input OR	0.70
74HC165	Quad 2 Input OR	0.70
74HC166	Quad 2 Input OR	0.70
74HC167	Quad 2 Input OR	0.70
74HC168	Quad 2 Input OR	0.70
74HC169	Quad 2 Input OR	0.70
74HC170	Quad 2 Input OR	0.70
74HC171	Quad 2 Input OR	0.70
74HC172	Quad 2 Input OR	0.70
74HC173	Quad 2 Input OR	0.70
74HC174	Quad 2 Input OR	0.70
74HC175	Quad 2 Input OR	0.70
74HC176	Quad 2 Input OR	0.70
74HC177	Quad 2 Input OR	0.70
74HC178	Quad 2 Input OR	0.70
74HC179	Quad 2 Input OR	0.70
74HC180	Quad 2 Input OR	0.70
74HC181	Quad 2 Input OR	0.70
74HC182	Quad 2 Input OR	0.70
74HC183	Quad 2 Input OR	0.70
74HC184	Quad 2 Input OR	0.70
74HC185	Quad 2 Input OR	0.70
74HC186	Quad 2 Input OR	0.70
74HC187	Quad 2 Input OR	0.70
74HC188	Quad 2 Input OR	0.70
74HC189	Quad 2 Input OR	0.70
74HC190	Quad 2 Input OR	0.70
74HC191	Quad 2 Input OR	0.70
74HC192	Quad 2 Input OR	0.70
74HC193	Quad 2 Input OR	0.70
74HC194	Quad 2 Input OR	0.70
74HC195	Quad 2 Input OR	0.70
74HC196	Quad 2 Input OR	0.70
74HC197	Quad 2 Input OR	0.70
74HC198	Quad 2 Input OR	0.70
74HC199	Quad 2 Input OR	0.70
74HC200	Quad 2 Input OR	0.70
74HC201	Quad 2 Input OR	0.70
74HC202	Quad 2 Input OR	0.70
74HC203	Quad 2 Input OR	0.70
74HC204	Quad 2 Input OR	0.70
74HC205	Quad 2 Input OR	0.70
74HC206	Quad 2 Input OR	0.70
74HC207	Quad 2 Input OR	0.70
74HC208	Quad 2 Input OR	0.70
74HC209	Quad 2 Input OR	0.70
74HC210	Quad 2 Input OR	0.70
74HC211	Quad 2 Input OR	0.70
74HC212	Quad 2 Input OR	0.70
74HC213	Quad 2 Input OR	0.70
74HC214	Quad 2 Input OR	0.70



**Don't forget to call "Wood for Chips" 428 4111 or Fax 428 5198**

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## 74ALS Advanced Low Power Schottky Series

74ALS00	Quad 2 Input NAND	0.70
74ALS01	Hex Buffer	0.70
74ALS04	Hex Buffer	0.70
74ALS05	Hex Buffer	0.70
74ALS08	Quad 2 Input AND	0.70
74ALS09	Quad 2 Input AND O.C.	0.70
74ALS10	Triple 3 Input NAND	0.70
74ALS11	Triple 3 Input NAND	0.70
74ALS12A	Triple 3 Input NAND	1.80
74ALS14	Hex Schmitt Trigger	0.70
74ALS15	Triple 3 Input AND	0.70
74ALS20	Dual 4 Input NAND	0.70
74ALS21	Dual 4 Input NAND	0.70
74ALS22	Dual 4 Input NAND	0.70
74ALS27	Triple 3 Input NAND	0.70
74ALS28	Triple 3 Input NOR	0.70
74ALS30	8 Input NAND	0.70
74ALS32	Quad 2 Input NOR	1.10
74ALS37A	Quad 2 Input NAND	1.10
74ALS40	Quad 2 Input NAND	1.10
74ALS74	Dual J-K Flip Flop	0.70
74ALS109	Dual J-K Flip Flop	0.70
74ALS131	3/8 Dcdr w/Latch	0.90
74ALS133	13 Input NAND	0.90
74ALS137	3/8 Dcdr/Demux	0.90
74ALS138	3/8 Dcdr/Demux	1.50
74ALS160	4 Bit Decade Counter	1.50
74ALS162	4 Bit Decade Counter	1.50
74ALS169	Up/Down Binary Cntr	1.50
74ALS245	Tri-State Octal Tcvr	2.35
74ALS257	Tri-State 2/1 Mux	1.30
74ALS273	Tri-State Octal Buffer	1.30
74ALS353	Inverting Octal Lch	2.55
74ALS354	Inverting Octal Lch	2.55
74ALS355	See 74ALS580	
74ALS356	See 74ALS576	
74ALS374	Octal D Flip Flop	2.25
74ALS576	Octal D Flip Flop	2.55
74ALS1000	ALSD0 Buffer	1.20
74ALS1002	ALSD0 Buffer	1.10
74ALS1003	ALSD0 Buffer	1.10
74ALS1008	ALSD0 Buffer	1.10
74ALS1010	ALSD0 Buffer	1.10
74ALS1011	ALSD1 Buffer	1.10
74ALS1032	ALSD2 Buffer	1.10

## 74AS Advanced Schottky Series

74AS02	Quad 2 Input NOR	0.70
74AS32	Quad 2 Input OR	0.70
74AS74	Dual D Flip Flop	0.90
74AS374	Tri-State Octal Lch	2.90

## 74F FAST Series

74F00	Quad 2 Input NAND	0.75
74F02	Quad 2 Input NOR	0.75
74F04	Hex Inverter	0.75
74F08	Quad 2 Input AND	0.75
74F10	Triple 3 Input AND	0.75
74F11	Triple 3 Input AND	0.75
74F64	4 Wide AND/OR/Invrt	0.75
74F74	Dual J-K Flip Flop	0.80
74F86	4 Bit Comparator	0.45
74F86	Quad Exclusive OR	1.10
74F109	Dual J-K Flip Flop	1.20
74F138	3/8 Dcdr/Demux	1.65
74F151	1/8 Mux	1.60
74F153	Quad 1/4 Mux	1.60
74F157	Quad 2/1 Mux	1.60
74F164	8 Bit S/SO Rgstr	1.60
74F194	4 Bit Universal Rgstr	1.95
74F244	Octal Tri-State Buff	2.90
74F253	Octal Tri-State 1/4 Mux	2.90
74F253	8 Bit Storage Rgstr	3.90
74F381	ALU/Function Generator	2.10
74F382	Logic Unit/Fcn Rgstr	2.90
74F533	Octal Transparent Lch	3.90
74F534	Octal D Flip Flop	3.90

## 74LS Low Power Schottky

74LS00	Quad 2 Input NAND	0.70
74LS01	Quad 2 Input NAND O.C.	0.55
74LS02	Quad 2 Input NOR	0.55
74LS04	Hex Inverter	0.45
74LS08	Quad 2 Input AND	0.55
74LS10	Triple 3 Input AND	0.55
74LS11	Triple 3 Input AND	0.75
74LS12	Triple 3 Input AND	0.75
74LS14	Hex Schmitt Trigger	0.75
74LS15	Triple 3 Input AND	0.75
74LS20	Dual 4 Input NAND	0.75
74LS21	Dual 4 Input AND	0.75
74LS22	Dual 4 Input NAND	0.75
74LS27	Triple 3 Input NAND	0.85
74LS28	Triple 3 Input NOR	0.85
74LS30	8 Input NAND	0.60
74LS31	Delay Element	0.60
74LS32	Quad 2 Input	0.60
74LS33	Quad 2 Input	0.60
74LS40	Quad 2 Input	0.80
74LS44	BCD/Dec Driver	1.50
74LS47	BCD/7 Segment Drv	1.50
74LS48	BCD/7 Segment Drv	1.70
74LS49	BCD/7 Segment Drv	1.70
74LS61	Quad 2 Input AND/OR/Inv	0.70
74LS62	2 Input AND/OR/Inv	0.80
74LS65	AND/OR/Inv/Flt Gate	0.80
74LS73A	Dual J-K Flip Flop	0.35
74LS74A	Dual J-K Flip Flop	0.90
74LS75A	Quad Lich	0.90
74LS76A	Dual J-K Flip Flop	0.35
74LS78	Dual J-K Flip Flop	1.00
74LS83A	4 Bit Full Adder	1.00
74LS85	4 Bit Comparator	0.85
74LS86	Quad Exclusive OR	0.55
74LS90	Decade Ctr	1.00
74LS91	Divide 2/4/10 Ctr	1.00
74LS92A	Binary Ctr	1.10
74LS95	4 Bit Parallel Rgstr	1.00
74LS107A	Dual J-K Flip Flop	0.85
74LS109A	Dual J-K Flip Flop	0.85
74LS110A	Dual J-K Flip Flop	0.85
74LS113A	Dual J-K Edge Trigger	0.65
74LS114A	Dual J-K Negative	0.70
74LS122	Retrig. Mono Multivibr	1.25
74LS123	Dual Retrig. Mono	1.25
74LS124A	Expand 2 Input Exclv OR	1.00
74LS126A	Tri-State Quad Buff	0.95
74LS132	Quad Schmitt Trigger	0.95
74LS133	13 Input NAND	0.60
74LS136	Quad 2 Input Exclv OR	0.95
74LS138	Expand 2 Input Exclv OR	1.00
74LS147	Decade Ctr	1.15
74LS145	1/10 Decade/Trig	1.45
74LS147	10/1 Priority Encoder	1.90
74LS148	8/3 Priority Encoder	2.80
74LS151	8/3 Mux	2.80
74LS153	Dual 4:1 Mux	3.20
74LS154	4/16 Dcdr	3.20
74LS155	Dual 2/4 Demux	1.40
74LS156	Dual 2/4 Demux	1.40
74LS157	Quad 2/1 Mux	1.05
74LS158	Quad 2/1 Mux Invert	1.05
74LS160A	Synch Decade Ctr	1.20
74LS161A	Preset Binary Ctr	1.20
74LS162A	Synch Decade Ctr	1.20
74LS163A	Preset Binary Ctr	1.20
74LS164	8 Bit Shift Reg	2.40
74LS165	8 Bit Shift Reg	2.40
74LS166	8 Bit Shift Reg	2.40
74LS169A	Up/Down Binary Ctr	2.80
74LS170	4x4 Regstr File	1.05
74LS173A	Tri-State Decd D FF	1.00
74LS174	Hex 4 D Flip	0.90
74LS175	Hex 4 D Flip	0.90
74LS180	16x8 RAM 45Ns	0.90
74LS189	Up/Down Decade Ctr	1.40
74LS193	Up/Down Binary Ctr	1.40
74LS194	Up/Down Binary Ctr	1.40
74LS195	Up/Down Binary Ctr	1.10
74LS196A	4 Bit Universal S/R	1.10
74LS196	Decade Ctr	1.10
74LS197	Binary Ctr	1.20
74LS211	Monost. Multivibr	1.20
74LS240	Tri-State Octal Buff	2.30
74LS241	Tri-State Octal Buff	2.30
74LS242	Tri-State Octal Receiver	2.30
74LS243	Tri-State Octal Trcvr	2.30
74LS244	Tri-State Octal Buff	2.30
74LS245A	Tri-State Octal Buff	2.30



14409	Binary to Phone Pulsar	8.00	2N4902	Bi-Directional Switch	1.55
14411	Bit Rate Fncy Genr	20.00	2N4988	PNP TO92 50V 10mA	0.30
14412	See PN 14412	15.25	2N5087	PNP TO92 60V 10mA	0.90
14419	2/8 Key/Binary Encoder	5.00	2N5401		0.25
14433	3 1/2 Digi A/D	14.00	2N5210	NPN TO92 50V 10mA	0.20
14458	BCD7 Sgmnt Dcdrv/Dvr	5.90	2N5458	NFET TO92 25V 9mA	0.80
14458	BCD7 Sgmnt Dcdrv/Dvr	10.75	2N5458	NFET TO92 25V 9mA	0.80
14469	Hex Switch Debouncer	5.90	2N5461	NFET TO92 50V 9mA	1.50
14469	BCD7 Sgmnt Dcdrv/Dvr	5.90	2N5484	NFET TO92 25V 5mA	0.80
14480	UART	21.40	2N5485	NFET TO92 25V 10mA	0.80
16550	UART	55.60	2N5550		0.25
27128	16Kb CMOS EPROM	10.80	2N5656	NPN TO126 300V 500mA	4.75
27128	32Kb CMOS EPROM 2	12.95	2N5656	NPN TO126 300V 500mA	4.75
30302P	64Kb CMOS EPROM	19.10	2N5811		2.15
30302P	Motor Controller	9.70	2N5945	Supply as SRF1076	3.50
6800C-PIO	16 Bit CPU	24.00	2N5946	Supply as SRF1077	5.50
68081	DUART	19.95	2N6027	Pgmbl Unjction T092	0.50
68705LP	8 Bit CPU 3.7K EPROM	22.30	2N6073	Trictr TO126 400V 4A	1.40
14520P	Remote Control Dcdrv	5.90	2N6121	NPN TO126 45V 4A	1.40
14520P	8 Bit Trinary Dcdrv	4.05	2N6136	Supply as SRF1078	5.50
14520P	Remote Control Dcdrv	4.05	2N6284	NPN TO3 100V 20A	8.95
14605EP	8 Bit CMOS CPU	11.95	2N6348		2.25
146818	CMOS Real Time Clock	10.30	2N6397		3.90

## 1N Series and Other Rectifier Diodes

1N814	Signal Diode	0.10
1N3070	200V 150MA Switch Diode	0.30
1N4004	400V 1A Diode	0.10
1N4007	1000V 1A Diode	0.15
1N4007-LF	1N4007 Lead Formed	0.15
1N4148	See 1N814	
1N4936	400V 1A 200ns Diode	0.35
1N5080	See G160	0.15
1N5404	400V 3A Diode	0.25
1N5408	1000V 3A Diode	0.15
1N5819	Schottky 40V 1A	1.10
1N5821	Schottky 30V 1A	1.40
1N5823	Schottky 20V 5A	1.85
5082-2805	Schottky Hot Carrier	0.95
5082-2835	Schottky Diode	1.40
1N5912	Avnch Diode 50V 1500mA	0.25
B8119	Varactor 20-25pF	0.50
B8204Q	Varactor 34-39pF	1.05
B8212	Varactor 50-60pF	5.50
B8809	Varactor 26-32pF	1.00
BW4904	150V 8A Fast Recovery	4.80
BW51-150	150V Fast Recovery	4.50
FR604	40V 6A Diode	0.60
MR1045	Schottky 45V 10A	3.90
MR1080	Schottky 60V 15A	5.50
MR1082	50V 3A 200ns Diode	1.50
MR851	100V 3A 200ns Diode	1.50
MR856	600V 3A 200ns Diode	1.70
ST4	Trigger Diode (DIAC)	1.70

## 2N Series Transistors

2N696	NPN TO3 30V 150mA	0.95
2N2180	P-N Unijunction	1.10
2N2221	See PN2222A	0.65
2N2222A	See PN2222A	
2N2644	NPN Dual TO18 45V 30mA	2.15
2N2904	PNP TO3 40V 600mA	1.00
2N2906A	PNP TO18 60V 600mA	1.00
2N2907	NPN TO3 80V 1A	1.50
2N3020	NPN TO3 80V 1A	1.50
2N3053	NPN TO3 40V 700mA	0.90
2N3055	NPN TO3 60V 15A	2.50
2N3059		
2N3440	NPN TO3 250V 1A	1.10
2N3480	NFET TO18 50V 1mA	3.90
2N3719	PNP TO3 40V 3A	1.30
2N3740	PNP TO66 60V 4A	1.50
2N3771	NPN TO3 50V 30A	5.50
2N3822	NFET TO18 50V 10mA	2.35
2N3840	PNP TO92 30V	2.40
2N3880	NPN TO92 30V	0.55
2N3904	NPN TO92 40V 200mA	0.40
2N3905	PNP TO92 40V 200mA	0.40
2N3906	PNP TO92 40V 200mA	0.40
2N3956	NFET/Dual	12.75
2N3957	NFET/Dual	9.25
2N4032	PNP TO3 60V 1A	1.90
2N4037	PNP TO3 1A	0.85
2N4088	PNP TO92 30V 10mA	0.25
2N4360	PET TO3	0.30
2N4443	PNP TO46 40V 600mA	7.75
2N4918	PNP TO126 40V 1A	1.65
2N4921	PNP TO126 40V 1A	1.65

4N4902	Bi-Directional Switch	1.50
4N5086	PNP TO220 50V 10mA	0.90
4N5087	PNP TO220 60V 10mA	0.90
4N5401		0.20
4N5402	NPN TO220 50V 10mA	0.20
4N5458	NETF TO220 25V 6mA	0.80
4N5459	NETF TO220 25V 6mA	0.80
4N5460	NETF TO220 50V 6mA	1.50
4N5461	NETF TO220 50V 6mA	1.50
4N5462	NETF TO220 50V 6mA	1.50
4N5463	NETF TO220 50V 6mA	1.50
4N5464	NETF TO220 50V 6mA	1.50
4N5465	NETF TO220 50V 6mA	1.50
4N5466	NETF TO220 50V 6mA	1.50
4N5467	NETF TO220 50V 6mA	1.50
4N5468	NETF TO220 50V 6mA	1.50
4N5469	NETF TO220 50V 6mA	1.50
4N5470	NETF TO220 50V 6mA	1.50
4N5471	NETF TO220 50V 6mA	1.50
4N5472	NETF TO220 50V 6mA	1.50
4N5473	NETF TO220 50V 6mA	1.50
4N5474	NETF TO220 50V 6mA	1.50
4N5475	NETF TO220 50V 6mA	1.50
4N5476	NETF TO220 50V 6mA	1.50
4N5477	NETF TO220 50V 6mA	1.50
4N5478	NETF TO220 50V 6mA	1.50
4N5479	NETF TO220 50V 6mA	1.50
4N5480	NETF TO220 50V 6mA	1.50
4N5481	NETF TO220 50V 6mA	1.50
4N5482	NETF TO220 50V 6mA	1.50
4N5483	NETF TO220 50V 6mA	1.50
4N5484	NETF TO220 50V 6mA	1.50
4N5485	NETF TO220 50V 6mA	1.50
4N5486	NETF TO220 50V 6mA	1.50
4N5487	NETF TO220 50V 6mA	1.50
4N5488	NETF TO220 50V 6mA	1.50
4N5489	NETF TO220 50V 6mA	1.50
4N5490	NETF TO220 50V 6mA	1.50
4N5491	NETF TO220 50V 6mA	1.50
4N5492	NETF TO220 50V 6mA	1.50
4N5493	NETF TO220 50V 6mA	1.50
4N5494	NETF TO220 50V 6mA	1.50
4N5495	NETF TO220 50V 6mA	1.50
4N5496	NETF TO220 50V 6mA	1.50
4N5497	NETF TO220 50V 6mA	1.50
4N5498	NETF TO220 50V 6mA	1.50
4N5499	NETF TO220 50V 6mA	1.50
4N5500	NETF TO220 50V 6mA	1.50
4N5501	NETF TO220 50V 6mA	1.50
4N5502	NETF TO220 50V 6mA	1.50
4N5503	NETF TO220 50V 6mA	1.50
4N5504	NETF TO220 50V 6mA	1.50
4N5505	NETF TO220 50V 6mA	1.50
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4N5507	NETF TO220 50V 6mA	1.50
4N5508	NETF TO220 50V 6mA	1.50
4N5509	NETF TO220 50V 6mA	1.50
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4N5515	NETF TO220 50V 6mA	1.50
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4N5546	NETF TO220 50V 6mA	1.50
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4N5664	NETF TO220 50V 6mA	1.50
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4N5700	NETF TO220 50V 6mA	1.50
4N5701	NETF TO220 50V 6mA	1.50
4N5702	NETF TO220 50V 6mA	1.50
4N5703	NETF TO220 50V 6mA	1.50
4N5704	NETF TO220 50V 6mA	1.50
4N5705	NETF TO220 50V 6mA	1.50
4N5706	NETF TO220 50V 6mA	1.50
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4N5709	NETF TO220 50V 6mA	1.50
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4N5712	NETF TO220 50V 6mA	1.50
4N5713	NETF TO220 50V 6mA	1.50
4N5714	NETF TO220 50V 6mA	1.50
4N5715	NETF TO220 50V 6mA	1.50
4N5716	NETF TO220 50V 6mA	1.50
4N5717	NETF TO220 50V 6mA	1.50
4N5718	NETF TO220 50V 6mA	1.50
4N5719	NETF TO220 50V 6mA	1.50
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4N5721	NETF TO220 50V 6mA	1.50
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4N5730	NETF TO220 50V 6mA	1.50
4N5731	NETF TO220 50V 6mA	1.50
4N5732	NETF TO220 50V 6mA	1.50
4N5733	NETF TO220 50V 6mA	1.50
4N5734	NETF TO220 50V 6mA	1.50
4N5735	NETF TO220 50V 6mA	1.50
4N5736	NETF TO220 50V 6mA	1.50
4N5737	NETF TO220 50V 6mA	1.50
4N5738	NETF TO220 50V 6mA	1.50
4N5739	NETF TO220 50V 6mA	1.50
4N5740	NETF TO220 50V 6mA	1.50
4N5741	NETF TO220 50V 6mA	1.50
4N5742	NETF TO220 50V 6mA	1.50
4N5743	NETF TO220 50V 6mA	1.50
4N5744	NETF TO220 50V 6mA	1.50
4N5745	NETF TO220 50V 6mA	1.50
4N5746	NETF TO220 50V 6mA	1.50
4N5747	NETF TO220 50V 6mA	1.50
4N5748		





DS3487	Dual Dfmlt Line Dvr	4.40
DS3605	Qvdr	2.45
DS3611	Dual Peripheral Dvr	2.15
DS3612	Dual Peripheral Dvr	2.15
DS3613	Dual Peripheral Dvr	2.25
DS3614	Dual Peripheral Dvr	2.15
DS3625	Tr-Stat MOS Dvr	5.95
DS3630	Hex CMOS Comp Buftr	3.00
DS3631	Dual Dvr CMOS Cnplbl	3.70
DS3632	Dual Dvr CMOS Cnplbl	3.70
DS3640	Quad Tr Share Dvr	4.45
DS3644	Quad CMOS Clock Dvr	7.35
DS3646	Dvr	2.85
DS3648	Tr-Stat MOS MUX	2.65
DS3649	Tr-Stat Hex MOS MUX	5.45
DS3680	Quad Negative Dvr	7.90
DS3686	Dual Positive Dvr	1.00
DS3687	Dual Negative Dvr	1.00
DS3691	Quad Input Receiver	6.85
DS3692	Tr-Stat Dfmlt Dvr	7.10
DS3695	RS-485-422 Trcvr	7.90
DS7524	Quad Core Dvr	2.20
DS8126A	Tr-Stat Quad Bus	3.55
DS8640	Quad 2 Input Receiver	2.20
DS8641	Quad 2 Input Receiver	2.20
DS8692	Dual Level Trmrtr	11.95
DS8800H	Hex 14V Btr O.C.	2.15
DS8820A	Dual CMOS Line Rcvr	1.35
DS8820B	Dual CMOS RS-422/423	1.35
DS8822	Dual Line Receiver	9.20
DS8830	Dual Dfmlt Dvr	3.70
DS8830C	Dual CMOS Dfmlt Dvr	6.25
DS8831	Tr-Stat Quad Dvr	5.75
DS8832	Tr-Stat Quad Dvr	5.75
DS8833	Tr-Stat Quad Trcvr	4.75
DS8834	Tr-Stat Quad Trcvr	3.70
DS8835	Tr-Stat Quad Trcvr	3.70
DS8836	Quad 2 Input Receiver	3.00
DS8837	Hex Unified Receiver	3.00
DS8839	Quad Bus Trcvr	5.15
DS8861	5 Segment LED Dvr	3.90
DS8864	8 Segment LED Dvr	4.85
DS8867	12 Digit Dfmlt Dvr	2.80
DS8871	LED Cathode Dvr	4.10
DS8872	9 Digit LED Dvr	4.05
DS8877	MOS/SPERRY Dvr	5.20
DS8889	High Voltage Sgntm Dvr	4.25
DS8914	Hex MOS Dvr	4.25
DS97107	Dual Line Receiver	3.05
DS97108	Dual Line Receiver	3.05
DS97113	Tr-Stat Input Dfmlt Dvr	5.40
DS9716A	Dual Marked DS8820N	2.70
DS97182	Dual Marked DS8830N	2.70
DS97524	Memory Dvr/Dfdr	2.45
DS97540	Dual 30V-300MA Dvr	1.70
DS97541	Dual 30V-300MA Dvr	1.25
DS97543	Dual 30V-300MA Dvr	0.95
DS97544	Dual 30V-300MA Dvr	1.10
DS97545	Dual 30V-300MA Dvr	1.10
DS97548	4 Segment LED Dvr	2.15
DS97549	6 Digit LED Dvr	2.25
DS97549	6 Digit LED Dvr	2.15
DS88C120	Dual CMOS Receiver	10.80
DS88C120	Dual RS-422/423 Rcvr	7.40

EF68940P	See 68840	
GT685C22P	See 655C22	
HOSP-5303	7 Sgntm Common Cathode	2.15
HOSP-5603	7 Sgntm Common Cathode	4.10
HNW-16L	See 6116LP	
HNW-6501		9.30
ICL2362CP	See M4323CP	
ICL7108CP	3 1/2 Dgt A/D	18.20
ICL7107CP	3 1/2 Dgt A/D	15.95
ICL7109CP	12 Bit Binary A/D	26.50

ICL7129CP	4 1/2 Dgt A/D	38.25
ICL7135CP	4 1/2 Dgt A/D	29.95
ICL7136CP	3 1/2 Dgt A/D	18.40
ICL7155	Auto Zero Amplifier	28.85
ICL761110PCA	Single CMOS Amplifier	2.30
ICL7650CP	Stabilized Amplifier	7.95
ICL7660CPA	See LM7660N	
ICL7663CAPA	CMOS Rgtr	7.95
ICL7663BPA	Under/Over Detector	7.20
ICL7673		3.25
ICL8013		8.95
ICL8038CJ	Function Generator	27.50
ICL8052CP	3 1/2 Dgt D/A	12.50
ICL8053	3 1/2 Dgt D/A	2.40
ICL8069	1.2V Reference	6.50
ICL8211CPA	Programmable Reference	3.95
ICL8212CPA	Programmable Reference	3.95
ICL8212CTV	Programmable Reference	5.45
ICL8250CP		2.40
ICM7170PG	CMOS Real Time Clock	23.30
ICM7209PA	10MHz Clock Generator	10.40
ICM7211A1PL	4 Dgt LED Dfdr	15.20
ICM7212AM1PL	4 Dgt LED Dfdr	11.40
ICM7213PD	Precision Clock	13.95
ICM7216A1U	10MHz Universal Cntr	54.00
ICM7218B1U	10MHz Universal Cntr	54.00
ICM7218D1U	10MHz Universal Cntr	54.00
ICM7217A1P	4 Dgt Up/Down Dvr	18.25
ICM7217C1P	4 Dgt Up/Down Dvr	18.25
ICM7218B1U	8 Dgt Universal Dfdr	17.75
ICM7224PL	4 1/2 Dgt Dfdr	23.45
ICM7225A1U	10MHz Unvrsal Cntr	54.00
ICM7226B1P	10MHz Unvrsal Cntr	54.00
ICM7227A1P	4 Dgt Up/Down Dvr	23.95
ICM7240UE	CMOS Timer	11.50
ICM7250UE	CMOS Timer	11.50
ICM7555PA	See LM7555P	
ICM7556PD	CMOS 555 Timer	3.50
IM702PE	Pgmblt Sndt Rate Gnttr	11.85
IN4240UE	4MHz UART	12.30
IN58250	See 8250	
IN58250N-B	See 8250	
IT1750	N Channel MFET	6.90
INVS000ANE		2.95
INVS000ANF		2.95
INVS000TNF		4.95
INVS6661		4.95
L200C	2A Adjustable Rgtr	3.20
L7311H	BIFFET Amplifier	1.70
L7347	Quad BIFFET Amplifier	4.40
L7351	Single BIFFET Amplifier	1.15
L7351	Dual BIFFET Amplifier	2.15
L7355	Single BIFFET Amplifier	2.15
L7356H	Single BIFFET Amplifier	2.35
L7356H	Dual BIFFET Amplifier	1.10
L7357	Single BIFFET Amplifier	1.15
L7358	Sample And Hold	7.90
L7398	Sample And Hold	6.95
L7412C	Dual BIFFET Amplifier	4.40
L7412C	Dual BIFFET Amplifier	4.40
L7442C	Dual BIFFET Amplifier	2.70
L7444C	Dual BIFFET Amplifier	4.40
LF13007	Digital Gain Logrpic	11.05
LF13201	Quad SPST Switch	7.45
LF13202	Quad SPST Switch	7.45
LF13301	Quad SPST Switch	7.45
LF13508	8 Channel Mux	10.65
LF13509	4 Channel Mux	10.65

LM002CH	Buftr Amplifier	14.90
LM002CP	Buftr Amplifier	14.90
LM0021CP	1 Amp Power Amplifier	47.60
LM0024CH	Hi Speed Amplifier	37.60
LM0032CG	Hi Speed Amplifier	39.70
LM0033CG	Hi Speed Follower	39.70
LM00344CZ	Low Noise Amplifier	34.40
LM0070-H	10.00V Binary Rfnc	10.70
LM0070-H	10.00V BCD Rfnc	18.30
LM0070-H	10.00V Binary Rfnc	25.00

LM100CH	Low Vltge Amp & Rfnc	11.00
LM101CH	Low Vltge Amp & Rfnc	8.45
LM102CH	Low Vltge Amp & Rfnc	8.45
LM103CH	Low Vltge Amp & Rfnc	9.50
LM104CH	Precision DC Amplifier	9.95
LM105CH	Precision DC Amplifier	3.35
LM106CH	Precision DC Amplifier	3.35
LM107CH	Precision DC Amplifier	3.35
LM108CH	Precision DC Amplifier	3.35
LM109CH	Precision DC Amplifier	3.35
LM110CH	Precision DC Amplifier	3.35
LM111CH	Precision DC Amplifier	3.35
LM112CH	Precision DC Amplifier	3.35
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LM120CH	Precision DC Amplifier	3.35
LM121CH	Precision DC Amplifier	3.35
LM122CH	Precision DC Amplifier	3.35
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LM125CH	Precision DC Amplifier	3.35
LM126CH	Precision DC Amplifier	3.35
LM127CH	Precision DC Amplifier	3.35
LM128CH	Precision DC Amplifier	3.35
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LM200CH	Precision DC Amplifier	3.35

LM201CH	Precision DC Amplifier	3.35
LM202CH	Precision DC Amplifier	3.35
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LM246CH	Precision DC Amplifier	3.35
LM247CH	Precision DC Amplifier	3.35
LM248CH	Precision DC Amplifier	3.35
LM249CH	Precision DC Amplifier	3.35
LM250CH	Precision DC Amplifier	3.35

LM309	Quad Comparator	0.95
LM309A	5V 1.5A 103 Pwv Reg	4.00
LM309B	8V 1.5A 103 Pwv Reg	4.00
LM309C	15V 1.5A 103 Pwv Reg	6.60
LM309D	15V 1.5A 103 Pwv Reg	6.60
LM309E	See LM7805	
LM309F	See LM7808	
LM309G	See LM7812	
LM309H	See LM7815	
LM309I	See LM7818	
LM309J	See LM7821	
LM309K	See LM7824	
LM309L	See LM7827	
LM309M	See LM7830	
LM309N	See LM7833	
LM309O	See LM7836	
LM309P	See LM7839	
LM309Q	See LM7842	
LM309R	See LM7845	
LM309S	See LM7848	
LM309T	See LM7851	
LM309U	See LM7854	
LM309V	See LM7857	
LM309W	See LM7860	
LM309X	See LM7863	
LM309Y	See LM7866	
LM309Z	See LM7869	
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LM643	See LM8871	
LM644	See LM8874	
LM645	See LM8877	
LM646	See LM8880	
LM647	See LM8883	
LM648	See LM8886	
LM649	See LM8889	
LM650	See LM8892	
LM651	See LM8895	
LM652	See LM8898	
LM653	See LM8901	
LM654	See LM8904	
LM655	See LM8907	
LM656	See LM8910	
LM657	See LM8913	
LM658	See LM8916	
LM659	See LM8919	
LM660	See LM8922	
LM661	See LM8925	
LM662	See LM8928	
LM663	See LM8931	
LM664	See LM8934	
LM665	See LM8937	
LM666	See LM8940	
LM667	See LM8943	
LM668	See LM8946	
LM669	See LM8949	
LM670	See LM8952	
LM671	See LM8955	
LM672	See LM8958	
LM673	See LM8961	
LM674	See LM8964	
LM675	See LM8967	
LM676	See LM8970	
LM677	See LM8973	
LM678	See LM8976	
LM679	See LM8979	
LM680	See LM8982	
LM681	See LM8985	
LM682	See LM8988	
LM683	See LM8991	
LM684	See LM8994	
LM685	See LM8997	
LM686	See LM9000	
LM687	See LM9003	
LM688	See LM9006	
LM689	See LM9009	
LM690	See LM9012	
LM691	See LM9015	
LM692	See LM9018	
LM693	See LM9021	
LM694	See LM9024	
LM695	See LM9027	
LM696	See LM9030	
LM697	See LM9033	
LM698	See LM9036	
LM699	See LM9039	
LM700	See LM9042	
LM701	See LM9045	
LM702	See LM9048	
LM703	See LM9051	
LM704	See LM9054	
LM705	See LM9057	
LM706	See LM9060	
LM707	See LM9063	
LM708	See LM9066	
LM709	See LM9069	
LM710	See LM9072	
LM711	See LM9075	
LM712	See LM9078	
LM713	See LM9081	
LM714	See LM9084	
LM715	See LM9087	
LM716	See LM9090	
LM717	See LM9093	
LM718	See LM9096	
LM719	See LM9099	
LM720	See LM9102	
LM721	See LM9105	
LM		



LM2907N-8	Frequency/Voltage Cnvr	4.65
LM2917	Frequency/Voltage Cnvr	4.75
LM2917N-8	5V Frequency/Voltage Cnvr	4.75
LM2930T-5.0	5V 150mA TO220 Low IO	2.20
LM2930T-8.0	8V 150mA TO220 Low IO	2.20
LM2931AT-5.0	See LM2931T-5.0	
LM2931AZ-5.0	See LM2931T-5.0	
LM2931CT	Adj. 150mA TO220 Low IO	3.10
LM2931T	See LM2931CT	
LM2931T-5.0	5V 150mA TO220 Low IO	1.95
LM2931T-8.0	8V 150mA TO220 Low IO	1.95
LM2925T	Low Dropout With Reset	5.00
LM2935T	Low Dropout Dual Reg	4.00
LM2940CT-5.0	5V 1.5A TO220 Low IO	2.45
LM2940CT-8.0	8V 1.5A TO220 Low IO	2.45
LM3000	Transistor Array	1.80
LM3006	Transconductance Amplifier	1.80
LM3008	Transistor Array	1.80
LM3009	FM/FM System	4.00
LM3146	Transistor Array	2.15
LM3169	FM/FM System	4.00
LM3301	See LM3234	
LM3401	See LM3234	
LM3524	Pulse Width Modulator	3.65
<b>LM3900 Series</b>		
LM3900	Quad Norton Amplifier	1.30
LM3905	Precision Timer	2.40
LM3909	LED Flasher/Oscillator	1.80
LM3911H-46	Temperature Controller	1.80
LM3911	Temperature Controller	2.50
LM3914	Linear Bar Graph Dvr	5.15
LM3915	Logarithmic Bar Dvr	5.15
LM3916	VU Meter Dvr	5.15
LM3992T	Temp. Comp. Rfmc	5.00
LM4250C	Pgmbl Amplifier	2.95
LM4635	VIP Hi-Spd Amp AV > 25	4.95
See LM3555C		
LM50260	Comp Voltage Cnvr	3.60
LM7805CK	5V 1.5A TO220 Pstv Reg	2.85
LM7805CT	5V 1.5A TO220 Pstv Reg	0.95
LM7806CT	6V 1.5A TO220 Pstv Reg	1.10
LM7808CT	8V 1.5A TO220 Pstv Reg	1.10
LM7812CT	12V 1.5A TO220 Pstv Reg	2.85
LM7812CT	12V 1.5A TO220 Pstv Reg	0.85
LM7815CT	15V 1.5A TO220 Pstv Reg	2.85
LM7815CT	15V 1.5A TO220 Pstv Reg	0.85
LM7818CT	18V 1.5A TO220 Pstv Reg	1.10
LM7824CT	24V 1.5A TO220 Pstv Reg	1.30
LM7810ADH	5V 100mA TO5 Pstv Reg	2.00
LM7810SACZ	5V 100mA TO5 Pstv Reg	0.75
LM7810SACZ	5V 100mA TO5 Pstv Reg	0.90
LM7810SACZ	5V 100mA TO5 Pstv Reg	0.80
LM7812ACZ	12V 100mA TO5 Pstv Reg	2.10
LM7812ACZ	12V 100mA TO5 Pstv Reg	2.10
LM7815ACZ	15V 100mA TO5 Pstv Reg	2.10
LM7815ACZ	15V 100mA TO5 Pstv Reg	0.75
LM7818ACZ	18V 100mA TO5 Pstv Reg	0.80
LM78124CT	24V 100mA TO5 Pstv Reg	0.95
LM7805CK	5V 1.5A TO220 Pstv Reg	4.15
LM7805CT	5V 1.5A TO220 Pstv Reg	0.95
LM7806CT	6V 1.5A TO220 Pstv Reg	1.80
LM7808CT	8V 1.5A TO220 Pstv Reg	1.80
LM7812CT	12V 1.5A TO220 Pstv Reg	2.50
LM7812CT	12V 1.5A TO220 Pstv Reg	0.85
LM7815CT	15V 1.5A TO220 Pstv Reg	2.50
LM7815CT	15V 1.5A TO220 Pstv Reg	0.85
LM7818CT	18V 1.5A TO220 Pstv Reg	1.80
LM7810SACZ	5V 100mA TO5 Pstv Reg	1.10
LM7812ACZ	12V 100mA TO5 Pstv Reg	1.10
LM7815ACZ	15V 100mA TO5 Pstv Reg	1.10
LM1380	Pgmbl Power Amplifier	2.95
LM1380	Dual Transconductance Amp	3.70

<b>LP (L. Power Linear)</b>		
LP39	Low Power Comparator	1.55
LP9900CZ-5.0	5V TO220 uPOWER Pstv Reg	2.85
LP9901CZ	Adj. DIL uPOWER Pstv Reg	3.90

<b>MAX (Interface)</b>		
MAX231CPD	RS232 Transmitter/Rcvr	0.30
MAX232CPE	RS232 Transmitter/Rcvr	7.95

<b>MF (Filters)</b>		
MF5C	Single Active Filter	3.00
MF6C-50	8th Order CMOS Filter	5.95
MF10C	Notch Filter	6.10
MF10C-50	Dual Active Filter	7.15

<b>MJ Series Transistors</b>		
MJ411	PNP TO3 300V 5A	7.45
MJ402	PNP TO3 100V 30A	8.20
MJ901	PNP TO3 80V 8A Diton	2.75
MJ1001	PNP TO3 80V 8A Diton	4.00
MJ2501	PNP TO3 80V 10A Diton	10.80
MJ2951	PNP TO3 60V 15A	2.70
MJ3001	PNP TO3 100V 10A Diton	4.30
MJ4502	PNP TO3 100V 20A	7.80
MJ10012	PNP TO3 400V 10A Diton	8.05
MJ11015	PNP TO3 120V 30A Diton	22.25
MJ15003	PNP TO3 140V 20A	7.20
MJ15004	PNP TO3 140V 20A	7.00
<b>MJE Series Transistors</b>		
MJE340	PNP TO18 300V 500mA	2.45
MJE350	PNP TO18 300V 500mA	2.65
MJE360	PNP TO18 60V 4A Diton	2.85
MJE380	PNP TO18 60V 4A Diton	2.65
MJE1100	PNP TO18 70V 5A Diton	8.90
MJE1200	PNP TO18 70V 5A Diton	8.90
MJE2655	PNP TO18 70V 10A	2.80
MJE2665	PNP TO18 70V 10A	2.80

<b>MM</b>		
MM5318	3.58MHz/80Hz Divider	13.10
MM5369AA	34 Segment LED Dvr	6.10
MM5450	35 Segment LED Dvr	8.60
MM5451	35 Segment LED Dvr	8.60
MM5453	33 Segment LCD Dvr	8.60
MM5740AF	Keyboard Encoder	11.85
MM8830C	See DS8830C	
MM52116FDW	Character Generator	17.45
MM53200	Digital Code Xmt/Rcvr	6.70
MM54240	Asynch Xmt/Rcvr	18.75
MM57499	Keyboard Encoder	15.45
MM58167A	Real Time Clock	24.35
MM58174A	Real Time Clock	22.40
MM58274B	Real Time Clock	22.40
MM3001		26.85

<b>MOC Diodes</b>		
MOC3021	Coupler 7.5KV TRIAC	2.55
MOC3041	Coupler 7.5KV TRIAC ZX	4.85
<b>MPS Series Transistors</b>		
MPS368A		1.00
MPS400	PNP TO92 80V 100mA	1.00
MPSA12	PNP TO92 20V 100mA Diton	1.00
MPSA13	PNP TO92 30V 100mA Diton	1.00
MPSA14	PNP TO92 30V 100mA Diton	1.00
MPSA63	PNP TO92 30V 100mA Diton	1.00
MPS402	PNP TO92 300V 100mA	1.00
MPS10	PNP CASE 152 300V 500mA	1.00

<b>MPX Pressure Transducers</b>		
MPX100AP	Pres. Xducer 0-15 Absolt	25.35
<b>MRF High Frequency Transistors</b>		
MRF208	NPB 3-5 225MHz 10W	4.45
MRF571	NPB SGE Small Signal Rf	7.70
MRF666	NFT SGE 10V 80mA 350mW	8.75

<b>NE</b>		
NE36	Servo Amplifier	3.50
NE43	Companier	5.90
NE571	Companier	5.90
NE596	Companier	5.90
NE5532AP	Low Noise Dual	2.80
NE5534AP	Single Low Noise Amp	3.60

<b>NMC</b>		
NMC906	See 9306	
NMC9346	See 9346	

<b>NS</b>		
NS82C50A	See NS82C50	
NS16450	See 16450N	
NS16550	See 16550N	
NS3201D-10	32/16 CPU 6MHz	127.85
NS2201N-10	TTL 10MHz	25.55
NSC800N-1	1MHz CMOS 8 Bit uPDR	14.30
NSC800N-4	1MHz CMOS 8 Bit uPDR	33.80
NSC800N-10	1MHz CMOS RAMIO/Timer	14.80
NSC810A-1	4MHz CMOS RAMIO/Timer	42.15
NSC810A-4	4MHz CMOS RAMIO/Timer	27.20
NSD102	NPN Medium Power	1.90
NSD106	NPN Medium Power	1.90
NSD202	PNP Medium Power	1.90
NSD206	PNP Medium Power	1.90
NS93G152	Logic Array + Dvr	12.90

<b>OP Precision Amplifier</b>		
OP27G	Precision Amplifier	8.95
OP77G	Precision Amplifier	4.65

<b>OPTO (LEDs and Diodes)</b>		
LED		
BAR-5-G	Bar 5 Pnt Grn SEL9510G	4.25
BAR-5-R	Bar 5 Pnt Rd SEL9510R	4.25
BEZEL-5MM	5mm Lamp Bezel NSC003	0.15
BEZEL-5MM-R	5mm Lamp Bezel NSC003	0.15
LAMP-RCT-G	Rectrgr Green OP200	0.30
LAMP-RCT-G	Rectrgr Green SEL1321G	0.30
LAMP-RCT-R	Rectrgr Rd OP200	0.30
LAMP-RCT-R	Rectrgr Rd SEL121R	0.30
LAMP-RCT-Y	Rectrgr Yellow OP200	0.30
LAMP-RCT-Y	3mm Grn Lamp SEL2310G	0.30
LAMP-3MM-Y	3mm Ym Lamp TL1213-1	0.40
LAMP-5MM-D	5mm Org Lamp SEL1910D	0.50
LAMP-5MM-R	5mm Rd Lamp LRS160RD	0.20
LAMP-5MM-R	5mm Rd Lamp LRS160RD	0.95
LAMP-5MM-Y	5mm Ym Lamp SEL2710Y	0.40
LAMP-5MM-Y	5mm Ym Lamp SEL2710Y	0.40
LAMP-10MM-G	10mm Ym Lamp TLH10G40	1.40
LAMP-10MM-R	10mm Rd Lamp TLH10R40	1.40
LAMP-10MM-Y	10mm Ym Lamp TLH10Y40	1.40

<b>Photo Diodes and Transistors</b>		
BPW21	Mini Photo Diode	8.50
BPW34	Mini Photo Diode	3.50
Photo Interrupter		
STN3101	Photo Interrupter	7.50

<b>Programmable Array Logic</b>		
PAL16L2ANC	Dual 16 Input AND/OR	5.90
PAL16L2ANC	Octal 16 Input A/OR	6.70
PAL16RA2NC	35ns-80mA-20 Pin M	6.65
PAL16RANC	Octal 16 Input Rgtr	6.65
PAL16RANC	Octal 16 Input Rgtr	5.35
PAL20L10NC	Decade 20 Input A/OR/XOR	14.55
PAL20L2NC	Oct 20 Input Rgtr A/OR/XOR	12.15

<b>PN Series Transistors</b>		
PN2222	NPN TO92 60V 300mA	0.15
PN2222A	NPN TO92 75V 150mA	0.15
PN2464	NPN TO92 30V 8mA	0.65
PN2563	NPN TO92 30V 8mA	0.25
PN3564	NPN TO92 30V 1mA	0.25
PN3565	NPN TO92 30V 1mA	0.25
PN3567	NPN TO92 80V 150mA	0.30
PN3568	NPN TO92 80V 150mA	0.30
PN3569	NPN TO92 80V 150mA	0.25
PN3538	PNP TO92 25V 300mA	0.25
PN3634A	PNP TO92 25V 300mA	0.30
PN3634B	PNP TO92 12V 50mA	0.30
PN3641	NPN TO92 80V 500mA	0.25
PN3642	NPN TO92 80V 500mA	0.25
PN3643	NPN TO92 80V 500mA	0.25

PK3644	PNP TO92 45V 300mA	0.25
PK3645	PNP TO92 45V 300mA	0.25
PK3646	PNP TO92 40V 300mA	0.25
PK4121	PNP TO92 40V 50mA	0.30
PK4122	PNP TO92 40V 50mA	0.30
PK4123	PNP TO92 40V 10mA	0.30
PK4355	See PK4355	
PK4356	PNP TO92 80V 500mA	0.25
PT13E4C	See 8502	
PT4207B	See 8532	

<b>R, S, T</b>		
R6502AB	See 8502	
R6502C	See 8502C	
R6503	See 8532	
RC3403	Quad Amplifier	2.95
RC1368B	See UA1136PC	
RC4739	Dual Amplifier	1.90
RC1495K	Dual 15V 200mA Reg	4.30
SAB6456		5.40
SC260		8.95
SF1078	See ZN6945	
SF1077	See ZN6946	
SF1078	See ZN6946	
T		
TC5501P	See 5501	
TC940E		2.50
TD11705	TV Vertical Deflection	4.15
TD1180		3.50
TD2460		4.90
TD2461		4.90
TEA550	FM Receiver	7.05

<b>Thermistors</b>		
THERMISTOR-1	500 Ohm 25° PTC	0.40
THERMISTOR-2	A13 NTC 1K Ohm @ 20°	0.40
<b>TIC</b>		
TIC106A	Tric 100V 5A	1.20
TIC106D	Tric 400V 5A	1.70
TIC206A	Tric 100V 4A	1.40
TIC206B	Tric 100V 8A	1.90
TIC246D	Tric 400V 16A	2.40

<b>TIL</b>		
TIL302	27 Inch Display	7.10
TIL303	27 Inch Display	7.10
TIL312	7 Segment Common Anode	1.40
TIL327	3 Inch 1/2 Dig Disp	1.40
TIL111	Coupler 1.5KV Tristor	1.45
TIL115	Coupler 1.5KV Diton	1.45
TIL126	Coupler 5KV Transistor	1.45

TIP Series Transistors		
TIP29C	NPN TO220 100V 1A	1.00
TIP30C	PNP TO220 100V 1A	1.50
TIP31A	NPN TO220 80V 3A	1.05
TIP31B	NPN TO220 80V 3A	1.10
TIP31C	NPN TO220 80V 3A	1.20
TIP32C	NPN TO220 100V 3A	0.95
TIP33A	NPN TO220 80V 10A	2.40
TIP35A	NPN TO220 60V 25A	2.85
TIP35C	NPN TO220 100V 25A	3.35
TIP36C	PNP TO220 100V 25A	3.30
TIP41A	NPN TO220 60V 6A	3.10
TIP41C	NPN TO220 100V 6A	3.30
TIP42C	PNP TO220 100V 6A	1.30
TIP110	NPN TO220 60V 2A Dton	1.50
TIP115	PNP TO220 80V 2A Dton	1.35
TIP120	NPN TO220 60V 5A Dton	1.70
TIP122	NPN TO220 100V 5A Dton	2.05
TIP125	NPN TO220 80V 1A Dton	1.80
TIP127	PNP TO220 100V 5A Dton	1.55
TIP140	NPN TO218 60V 10A Dton	4.55
TIP142	NPN TO218 100V 10A Dton	4.65
TIP145	PNP TO218 100V 10A Dton	4.95
TIP147	NPN TO218 60V 10A Dton	4.55
TIP645	PNP TO3 60V 10A Dton	2.25
TIP2955	PNP TO3 60V 15A	2.25



## TL

TL544	1.90
TL170	1.90
TL431	1.90
TL487P	1.95
TL494C	Fixed Frequency P
TL496CP	1.80
TL497AC	Switching Reg
	2.40

## TN Series Transistors

TN3244	PNP Memory Dvr	1.00
TN3245	PNP Memory Dvr	1.00
TN3252	PNP Memory Dvr	1.00
TN3440		1.05
TN3444	NPN 80V Switch	1.05
TN3467	PNP Memory Dvr	0.90
TN3724	PNP Memory Dvr	0.75

## TP

TP4361		1.15
TP5395		1.00

## TS

TS83055	NPN TO219 60V 15A	3.60
TS87515CP	Model	24.65
TS86000C-P10	See MC88000C-P10	

## U

U310	NFET	0.70
UA4136CP	Low Noise Amplifier	4.95
UA4151	See KR-4151	
UA7840	Voltage Regulator	3.10
UA6667	NPN Darlington Array	1.30
UC9009	Battery Charger Cnt	15.90
UDN2882A	High Current Soco Dvr	3.95
UDN3020T	Hall Effect Transistor	1.95

ULN	See KR-2201	
ULN2001CP	See KR-2202	
ULN2003	See UA6667	
ULN2004ACP	See KR-2204	
ULN2058	Quad 50V 1.5A Dvr	4.05
ULN2208		1.50
ULN2209		1.25
ULN2803	Octal CMOS/TTL Dtlon	3.30

UM6520A	See SY6520	
UM6521	See SY6521	
UM6522	See SY6522	

## V

## VDR Voltage Dependent Resistors

VDR-VC2130	Voltage Dpndnt Resistor	0.90
VDR-VC2275	Voltage Dpndnt Resistor	0.90

## VN MOSFETS

VN10KM	NMOSFET 10237 60V	2.30
VN684F	NMOSFET 10202 60V 1.7A	3.60
VN92AK		4.50

## XR (Exar Devices)

XR-558CP	Quad Timer	3.90
XR-2201CP	Transistor Array	1.65
XR-2202CP	Transistor Array	1.65
XR-2203CP	Transistor Array	1.65
XR-2204CP	Transistor Array	1.65
XR-2205CP	Function Generator	4.90
XR-2206CP	Precision Oscillator	5.20
XR-2211CP	Darlington Array	1.50
XR-2240CP	Pgmbl Timer/Cntrl	3.45
XR-2243CP	Micropower Timer	4.25
XR-8538ACP	Waveform Generator	7.30

## Zener Diodes (1N and BZX Series)

1N4746A	3.3V 1/2 Watt 5% Zener	0.20
1N750A	4.7V 1/2 Watt 5% Zener	0.20
1N751A	5.1V 1/2 Watt 5% Zener	0.20
1N752A	5.6V 1/2 Watt 5% Zener	0.20
1N753A	6.2V 1/2 Watt 5% Zener	0.20
1N691A	8.2V 1/2 Watt 5% Zener	0.20
1N692A	9.1V 1/2 Watt 5% Zener	0.20
1N693A	10V 1/2 Watt 5% Zener	0.20
1N694A	11V 1/2 Watt 5% Zener	0.20
1N695A	12V 1/2 Watt 5% Zener	0.20
1N696A	13V 1/2 Watt 5% Zener	0.20
1N697A	15V 1/2 Watt 5% Zener	0.20
1N698A	16V 1/2 Watt 5% Zener	0.20
1N699A	18V 1/2 Watt 5% Zener	0.20
1N700A	20V 1/2 Watt 5% Zener	0.20
1N701A	22V 1/2 Watt 5% Zener	0.20
1N702A	24V 1/2 Watt 5% Zener	0.20
1N703A	27V 1/2 Watt 5% Zener	0.20
1N704A	30V 1/2 Watt 5% Zener	0.20
1N705A	33V 1/2 Watt 5% Zener	0.20
1N706A	36V 1/2 Watt 5% Zener	0.20
1N707A	39V 1/2 Watt 5% Zener	0.20
1N708A	43V 1/2 Watt 5% Zener	0.20
1N709A	47V 1/2 Watt 5% Zener	0.20
1N710A	51V 1/2 Watt 5% Zener	0.20
1N711A	56V 1/2 Watt 5% Zener	0.20
1N712A	6.2V 1/2 Watt 5% Zener	0.20
1N713A	6.8V 1/2 Watt 5% Zener	0.20
1N714A	7.5V 1/2 Watt 5% Zener	0.20
1N715A	8.2V 1/2 Watt 5% Zener	0.20
1N716A	9.1V 1/2 Watt 5% Zener	0.20
1N717A	10V 1/2 Watt 5% Zener	0.20
1N718A	11V 1/2 Watt 5% Zener	0.20
1N719A	12V 1/2 Watt 5% Zener	0.20
1N720A	13V 1/2 Watt 5% Zener	0.20
1N721A	15V 1/2 Watt 5% Zener	0.20
1N722A	16V 1/2 Watt 5% Zener	0.20
1N723A	18V 1/2 Watt 5% Zener	0.20
1N724A	20V 1/2 Watt 5% Zener	0.20
1N725A	22V 1/2 Watt 5% Zener	0.20
1N726A	24V 1/2 Watt 5% Zener	0.20
1N727A	27V 1/2 Watt 5% Zener	0.20
1N728A	30V 1/2 Watt 5% Zener	0.20
1N729A	33V 1/2 Watt 5% Zener	0.20
1N730A	36V 1/2 Watt 5% Zener	0.20
1N731A	39V 1/2 Watt 5% Zener	0.20
1N732A	43V 1/2 Watt 5% Zener	0.20
1N733A	47V 1/2 Watt 5% Zener	0.20
1N734A	51V 1/2 Watt 5% Zener	0.20
1N735A	56V 1/2 Watt 5% Zener	0.20
1N736A	6.2V 1/2 Watt 5% Zener	0.20
1N737A	6.8V 1/2 Watt 5% Zener	0.20
1N738A	7.5V 1/2 Watt 5% Zener	0.20
1N739A	8.2V 1/2 Watt 5% Zener	0.20
1N740A	9.1V 1/2 Watt 5% Zener	0.20
1N741A	10V 1/2 Watt 5% Zener	0.20
1N742A	11V 1/2 Watt 5% Zener	0.20
1N743A	12V 1/2 Watt 5% Zener	0.20
1N744A	13V 1/2 Watt 5% Zener	0.20
1N745A	15V 1/2 Watt 5% Zener	0.20
1N746A	16V 1/2 Watt 5% Zener	0.20
1N747A	18V 1/2 Watt 5% Zener	0.20
1N748A	20V 1/2 Watt 5% Zener	0.20
1N749A	22V 1/2 Watt 5% Zener	0.20
1N750A	24V 1/2 Watt 5% Zener	0.20
1N751A	27V 1/2 Watt 5% Zener	0.20
1N752A	30V 1/2 Watt 5% Zener	0.20
1N753A	33V 1/2 Watt 5% Zener	0.20
1N754A	36V 1/2 Watt 5% Zener	0.20
1N755A	39V 1/2 Watt 5% Zener	0.20
1N756A	43V 1/2 Watt 5% Zener	0.20
1N757A	47V 1/2 Watt 5% Zener	0.20
1N758A	51V 1/2 Watt 5% Zener	0.20
1N759A	56V 1/2 Watt 5% Zener	0.20
1N760A	6.2V 1/2 Watt 5% Zener	0.20
1N761A	6.8V 1/2 Watt 5% Zener	0.20
1N762A	7.5V 1/2 Watt 5% Zener	0.20
1N763A	8.2V 1/2 Watt 5% Zener	0.20
1N764A	9.1V 1/2 Watt 5% Zener	0.20
1N765A	10V 1/2 Watt 5% Zener	0.20
1N766A	11V 1/2 Watt 5% Zener	0.20
1N767A	12V 1/2 Watt 5% Zener	0.20
1N768A	13V 1/2 Watt 5% Zener	0.20
1N769A	15V 1/2 Watt 5% Zener	0.20
1N770A	16V 1/2 Watt 5% Zener	0.20
1N771A	18V 1/2 Watt 5% Zener	0.20
1N772A	20V 1/2 Watt 5% Zener	0.20
1N773A	22V 1/2 Watt 5% Zener	0.20
1N774A	24V 1/2 Watt 5% Zener	0.20
1N775A	27V 1/2 Watt 5% Zener	0.20
1N776A	30V 1/2 Watt 5% Zener	0.20
1N777A	33V 1/2 Watt 5% Zener	0.20
1N778A	36V 1/2 Watt 5% Zener	0.20
1N779A	39V 1/2 Watt 5% Zener	0.20
1N780A	43V 1/2 Watt 5% Zener	0.20
1N781A	47V 1/2 Watt 5% Zener	0.20
1N782A	51V 1/2 Watt 5% Zener	0.20
1N783A	56V 1/2 Watt 5% Zener	0.20
1N784A	6.2V 1/2 Watt 5% Zener	0.20
1N785A	6.8V 1/2 Watt 5% Zener	0.20
1N786A	7.5V 1/2 Watt 5% Zener	0.20
1N787A	8.2V 1/2 Watt 5% Zener	0.20
1N788A	9.1V 1/2 Watt 5% Zener	0.20
1N789A	10V 1/2 Watt 5% Zener	0.20
1N790A	11V 1/2 Watt 5% Zener	0.20
1N791A	12V 1/2 Watt 5% Zener	0.20
1N792A	13V 1/2 Watt 5% Zener	0.20
1N793A	15V 1/2 Watt 5% Zener	0.20
1N794A	16V 1/2 Watt 5% Zener	0.20
1N795A	18V 1/2 Watt 5% Zener	0.20
1N796A	20V 1/2 Watt 5% Zener	0.20
1N797A	22V 1/2 Watt 5% Zener	0.20
1N798A	24V 1/2 Watt 5% Zener	0.20
1N799A	27V 1/2 Watt 5% Zener	0.20
1N800A	30V 1/2 Watt 5% Zener	0.20
1N801A	33V 1/2 Watt 5% Zener	0.20
1N802A	36V 1/2 Watt 5% Zener	0.20
1N803A	39V 1/2 Watt 5% Zener	0.20
1N804A	43V 1/2 Watt 5% Zener	0.20
1N805A	47V 1/2 Watt 5% Zener	0.20
1N806A	51V 1/2 Watt 5% Zener	0.20
1N807A	56V 1/2 Watt 5% Zener	0.20
1N808A	6.2V 1/2 Watt 5% Zener	0.20
1N809A	6.8V 1/2 Watt 5% Zener	0.20
1N810A	7.5V 1/2 Watt 5% Zener	0.20
1N811A	8.2V 1/2 Watt 5% Zener	0.20
1N812A	9.1V 1/2 Watt 5% Zener	0.20
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1N817A	15V 1/2 Watt 5% Zener	0.20
1N818A	16V 1/2 Watt 5% Zener	0.20
1N819A	18V 1/2 Watt 5% Zener	0.20
1N820A	20V 1/2 Watt 5% Zener	0.20
1N821A	22V 1/2 Watt 5% Zener	0.20
1N822A	24V 1/2 Watt 5% Zener	0.20
1N823A	27V 1/2 Watt 5% Zener	0.20
1N824A	30V 1/2 Watt 5% Zener	0.20
1N825A	33V 1/2 Watt 5% Zener	0.20
1N826A	36V 1/2 Watt 5% Zener	0.20
1N827A	39V 1/2 Watt 5% Zener	0.20
1N828A	43V 1/2 Watt 5% Zener	0.20
1N829A	47V 1/2 Watt 5% Zener	0.20
1N830A	51V 1/2 Watt 5% Zener	0.20
1N831A	56V 1/2 Watt 5% Zener	0.20
1N832A	6.2V 1/2 Watt 5% Zener	0.20
1N833A	6.8V 1/2 Watt 5% Zener	0.20
1N834A	7.5V 1/2 Watt 5% Zener	0.20
1N835A	8.2V 1/2 Watt 5% Zener	0.20
1N836A	9.1V 1/2 Watt 5% Zener	0.20
1N837A	10V 1/2 Watt 5% Zener	0.20
1N838A	11V 1/2 Watt 5% Zener	0.20
1N839A	12V 1/2 Watt 5% Zener	0.20
1N840A	13V 1/2 Watt 5% Zener	0.20
1N841A	15V 1/2 Watt 5% Zener	0.20
1N842A	16V 1/2 Watt 5% Zener	0.20
1N843A	18V 1/2 Watt 5% Zener	0.20
1N844A	20V 1/2 Watt 5% Zener	0.20
1N845A	22V 1/2 Watt 5% Zener	0.20
1N846A	24V 1/2 Watt 5% Zener	0.20
1N847A	27V 1/2 Watt 5% Zener	0.20
1N848A	30V 1/2 Watt 5% Zener	0.20
1N849A	33V 1/2 Watt 5% Zener	0.20
1N850A	36V 1/2 Watt 5% Zener	0.20
1N851A	39V 1/2 Watt 5% Zener	0.20
1N852A	43V 1/2 Watt 5% Zener	0.20
1N853A	47V 1/2 Watt 5% Zener	0.20
1N854A	51V 1/2 Watt 5% Zener	0.20
1N855A	56V 1/2 Watt 5% Zener	0.20
1N856A	6.2V 1/2 Watt 5% Zener	0.20
1N857A	6.8V 1/2 Watt 5% Zener	0.20
1N858A	7.5V 1/2 Watt 5% Zener	0.20
1N859A	8.2V 1/2 Watt 5% Zener	0.20
1N860A	9.1V 1/2 Watt 5% Zener	0.20
1N861A	10V 1/2 Watt 5% Zener	0.20
1N862A	11V 1/2 Watt 5% Zener	0.20
1N863A	12V 1/2 Watt 5% Zener	0.20
1N864A	13V 1/2 Watt 5% Zener	0.20
1N865A	15V 1/2 Watt 5% Zener	0.20
1N866A	16V 1/2 Watt 5% Zener	0.20
1N867A	18V 1/2 Watt 5% Zener	0.20
1N868A	20V 1/2 Watt 5% Zener	0.20
1N869A	22V 1/2 Watt 5% Zener	0.20
1N870A	24V 1/2 Watt 5% Zener	0.20
1N871A	27V 1/2 Watt 5% Zener	0.20
1N872A	30V 1/2 Watt 5% Zener	0.20
1N873A	33V 1/2 Watt 5% Zener	0.20
1N874A	36V 1/2 Watt 5% Zener	0.20
1N875A	39V 1/2 Watt 5% Zener	0.20
1N876A	43V 1/2 Watt 5% Zener	0.20
1N877A	47V 1/2 Watt 5% Zener	0.20
1N878A	51V 1/2 Watt 5% Zener	0.20
1N879A	56V 1/2 Watt 5% Zener	0.20
1N880A	6.2V 1/2 Watt 5% Zener	0.20
1N881A	6.8V 1/2 Watt 5% Zener	0.20
1N882A	7.5V 1/2 Watt 5% Zener	0.20
1N883A	8.2V 1/2 Watt 5% Zener	0.20
1N884A	9.1V 1/2 Watt 5% Zener	0.20
1N885A	10V 1/2 Watt 5% Zener	0.20
1N886A	11V 1/2 Watt 5% Zener	0.20
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1N890A	16V 1/2 Watt 5% Zener	0.20
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1N892A	20V 1/2 Watt 5% Zener	0.20
1N893A	22V 1/2 Watt 5% Zener	0.20
1N894A	24V 1/2 Watt 5% Zener	0.20
1N895A	27V 1/2 Watt 5% Zener	0.20
1N896A	30V 1/2 Watt 5% Zener	0.20
1N897A	33V 1/2 Watt 5% Zener	0.20
1N898A	36V 1/2 Watt 5% Zener	0.20
1N899A	39V 1/2 Watt 5% Zener	0.20
1N900A	43V 1/2 Watt 5% Zener	0.20
1N901A	47V 1/2 Watt 5% Zener	0.20
1N902A	51V 1/2 Watt 5% Zener	0.20
1N903A	56V 1/2 Watt 5% Zener	0.20
1N904A	6.2V 1/2 Watt 5% Zener	0.20
1N905A	6.8V 1/2 Watt 5% Zener	0.20
1N906A	7.5V 1/2 Watt 5% Zener	0.20
1N907A	8.2V 1/2 Watt 5% Zener	0.20
1N908A	9.1V 1/2 Watt 5% Zener	0.20
1N909A	10V 1/2 Watt 5% Zener	0.20
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1N911A	12V 1/2 Watt 5% Zener	0.20
1N912A	13V 1/2 Watt 5% Zener	0.20
1N913A	15V 1/2 Watt 5% Zener	0.20
1N914A	16V 1/2 Watt 5% Zener	0.20
1N915A	18V 1/2 Watt 5% Zener	0.20
1N916A	20V 1/2 Watt 5% Zener	0.20
1N917A	22V 1/2 Watt 5% Zener	0.20
1N918A	24V 1/2 Watt 5% Zener	0.20
1N919A	27V 1/2 Watt 5% Zener	0.20
1N920A	30V 1/2 Watt 5% Zener	0.20
1N921A	33V 1/2 Watt 5% Zener	0.20
1N922A	36V 1/2 Watt 5% Zener	0.20
1N923A	39V 1/2 Watt 5% Zener	0.20
1N924A	43V 1/2 Watt 5% Zener	0.20
1N925A	47V 1/2 Watt 5% Zener	0.20
1N926A	51V 1/2 Watt 5% Zener	0.20
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1N928A	6.2V 1/2 Watt 5% Zener	0.20
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1N937A	15V 1/2 Watt 5% Zener	0.20
1N938A	16V 1/2 Watt 5% Zener	0.20
1N939A	18V 1/2 Watt 5% Zener	0.20
1N940A	20V 1/2 Watt 5% Zener	0.20
1N941A	22V 1/2 Watt 5% Zener	0.20
1N942A	24V 1/2 Watt 5% Zener	0.20
1N943A	27V 1/2 Watt 5% Zener	0.20
1N944A	30V 1/2 Watt 5% Zener	0.20
1N945A	33V 1/2 Watt 5% Zener	0.20
1N946A	36V 1/2 Watt 5% Zener	0.20
1N947A	39V 1/2 Watt 5% Zener	0.20
1N948A	43V 1/2 Watt 5% Zener	0.20
1N949A	47V 1/2 Watt 5% Zener	0.20
1N950A	51V 1/2 Watt 5% Zener	0.20
1N951A	56V 1/2 Watt 5% Zener	0.20
1N952A	6.2V 1/2 Watt 5% Zener	0.20
1N953A	6.8V 1/2 Watt 5% Zener	0.20
1N954A	7.5V 1/2 Watt 5% Zener	0.20
1N955A	8.2V 1/2 Watt 5% Zener	0.20
1N956A	9.1V 1/2 Watt 5% Zener	0.20
1N957A	10V 1/2 Watt 5% Zener	0.20
1N958A	11V 1/2 Watt 5% Zener	0.20
1N959A	12V 1/2 Watt 5% Zener	0.20
1N960A	13V 1/2 Watt 5% Zener	0.20
1N961A	15V 1/2 Watt 5% Zener	0.20
1N962A	16V 1/2 Watt 5% Zener	0.20
1N963A	18V 1/2 Watt 5% Zener	0.20
1N964A	20V 1/2 Watt 5% Zener	0.20
1N965A	22V 1/2 Watt 5% Zener	0.20
1N966A	24V 1/2 Watt 5% Zener	0.20
1N967A	27V 1/2 Watt 5% Zener	0.20
1N968A	30V 1/2 Watt 5% Zener	0.20
1N969A	33V 1/2 Watt 5% Zener	0.20
1N970A	36V 1/2 Watt 5% Zener	0.20
1N971A	39V 1/2 Watt 5% Zener	0.20
1N972A	43V 1/2 Watt 5% Zener	0.20
1N973A	47V 1/2 Watt 5% Zener	0.20
1N974A	51V 1/2 Watt 5% Zener	0.20
1N975A	56V 1/2 Watt 5% Zener	0.20
1N976A	6.2V 1/2 Watt 5% Zener	0.20
1N977A	6.8V 1/2 Watt 5% Zener	0.20
1N978A	7.5V 1/2 Watt 5% Zener	0.20
1N979A		



# Terms & Conditions

## By mail

Geoff Wood Electronics P/L  
P.O. Box 671  
LANE COVE 2066

## In person

Geoff Wood Electronics P/L  
229 Burns Bay Road  
LANE COVE WEST

## How to Buy

### By phone

Geoff Wood Electronics P/L  
(02) 428-4111

### By fax

Geoff Wood Electronics P/L  
(02) 428-5198

Hours - 8.30AM to 5.00PM Monday to Friday  
8.00AM to Noon Saturday

## How to Pay

Bankcard  
Mastercard  
Visa  
Cheque  
Cash (Please do NOT send cash through the mail.)  
Minimum credit card and/or mail order purchase is \$10.00.

## Standard Conditions of Sale

### Back Orders

If the item value is greater than \$10.00 we back order all out of stock items, unless specifically requested not to. However, where long lead times are anticipated or the value is less than \$10.00, we issue an automatic refund.

### Credit Accounts

Fourteen (14) day credit accounts are available to universities, schools, colleges and government departments. All other organisations must complete our application for credit form before goods will be supplied on credit.

**Note:** Minimum invoice value for credit sales is \$25.00 not including delivery charges.

### Data Library

We maintain an excellent reference library on components, particularly semiconductors. This is available for the use of **personal shoppers only**. Unfortunately we are not able to look up specifications for you.

### Enquiries

If, for any reason, you wish to enquire about the progress of your order please provide full details concerning your name, address, payment method and date it was posted to us. This will ensure that we can track down any problems as quickly as possible.

## Freight

### Sydney Metropolitan area

\$5.00 select either **Certified Mail** OR **Carrier (ONLY applicable where signature can be obtained at point of delivery.)**

### Country & Interstate - select either

Order Value	Surface Mail	or	Air Mail
\$10.00 - \$49.99	\$3.00		\$5.00
\$50.00 - \$99.99	\$5.00		\$8.00
\$100 plus	\$7.00		\$12.00

**Certified Mail** add \$1.50 to above charges

All deliveries at Receiver's Risk unless insurance of \$1.00 per \$100 order value is included.

**Receiver's Carrier** - sent at your own risk. If you specify your own carrier please ensure your account number and the name of the authorising officer are provided.

### Insurance

All goods become your property as soon as they leave our premises. Should you require insurance for goods whilst in transit please add \$1.00 per \$100.00 or part thereof. If insurance or registered mail fees are not paid, the goods will be dispatched at **your risk**.

### Liability

Due to space limitations the specifications in this listing are necessarily abridged. Before committing to any design it is essential that you refer to the manufacturer's data sheet to ensure that the product is suitable for its intended use. We can accept no liability for failure to do so.

As a service to customers we list a number of semiconductors in our semiconductor list, which are obsolete or which we do not intend to re-stock. Inclusion of any product in this listing does **NOT** guarantee future availability, only that it is available at the time of publication.

### Overseas Orders

Overseas orders are welcomed, please pay in Australian Dollars and allow additional amounts for post and packing.

### Prices

All prices include sales tax at the official rate ruling at the time of publication. Sales tax can **only** be deducted if -

1. The official, signed sales tax exemption certificate is provided at the time of ordering.
- and
2. The total value of **each** item is \$10.00 or more.

Every endeavour is made to ensure that the prices in this catalogue are correct at the time of publication, however factors such as exchange and sales tax rates are regrettably outside our control and must be passed on.

All prices in this catalogue will otherwise remain fixed until at least the end of February, 1990

### Product List

This list, whilst covering the bulk of our range, is not exhaustive. New product is constantly being added and there are special end of line items which we do not advertise, so check with us if the product you want is not listed.

## Quotations

If you have a long list requiring pricing, fax or mail it to us and avoid tying up your phone for extended periods. Please ensure that full descriptions or part numbers appear on your request for quote. All written or faxed quotations are valid for thirty days but stock is subject to prior sale.

## Semiconductor Listing

Please ask for our separate semiconductor listing, which is available on request.

## Stock

Whilst we maintain excellent stock levels on all items, because of fluctuations in supply we cannot guarantee that all items are available. So, if you intend to make a special visit for that urgent requirement, please phone us first. Remember if you do not ask us to put the product aside for you, it may be gone by the time you arrive.

We also stock a number of products which we have not listed because we have only a few left. If what you want is not shown give us a call anyway.

## Warranties

### Semiconductors

No semiconductor manufacturer with whom we deal will replace product due to the fact that all product is fully tested before despatch from their factories. Additionally they have no control over the end product or the soldering techniques used. However in the rare instance where you suspect a faulty device please return it to the manufacturer direct who, under certain circumstances, may consider testing it.

### Other product

Manufacturers warranties apply. Proof of purchase must be provided and freight both ways must be pre-paid.



# Geoff Wood Electronics Pty Ltd

Incorporated in N S W

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